

WO 00/50639

Continued

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epithelial amiloride-sensitive sodium channel					
H.sapiens mRNA for beta subunit of epithelial amiloride-sensitive sodium channel	X87159	600760		ARG564TER	
H.sapiens mRNA for beta subunit of epithelial amiloride-sensitive sodium channel	X87159	600760		PRO616LEU	
H.sapiens mRNA for beta subunit of epithelial amiloride-sensitive sodium channel	X87159	600760		GLY37SER	
H.sapiens mRNA for beta subunit of epithelial amiloride-sensitive sodium channel	X87159	600760		TYR618HIS	
H.sapiens mRNA for beta subunit of epithelial amiloride-sensitive sodium channel	X87159	600760		PRO615SER	
H.sapiens mRNA for carnitine carrier	Y10319	212138	1-BP INS		frameshift
H.sapiens mRNA for	Y10319	212138	110-BP DEL		

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Accession	Gene	Protein	Protein length	Protein description
Y10319	H.sapiens mRNA for carnitine carrier	212138	128-BP DEL	
Y10319	H.sapiens mRNA for carnitine carrier	212138		
X82153	H.sapiens mRNA for carnitine carrier	601105		ARG166TER
X82153	H.sapiens mRNA for cathepsin O	601105		TER330TRP
X82153	H.sapiens mRNA for cathepsin O	601105		GLY146ARG
X82153	H.sapiens mRNA for cathepsin O	601105		ARG241TER
X77383	H.sapiens mRNA for cathepsin O	600550	none found	ALA277VAL
Y11525	H.sapiens mRNA for CCAAT/enhancer binding protein alpha	116897	none found	
X95520	H.sapiens mRNA for cyclic nucleotide phosphodiesterase	602047	1389 (A/G)	
X95520	H.sapiens mRNA for cyclic nucleotide phosphodiesterase	602047	dinucleotide repeat introns 12	
X95520	H.sapiens mRNA for cyclic nucleotide phosphodiesterase	602047	dinucleotide repeat introns 5	
X87160	H.sapiens mRNA for gamma subunit of epithelial amiloride-sensitive sodium	600761	none found	

channel H.sapiens mRNA for GlcNac-1-P transferase	Z82022	191350	none found
H.sapiens mRNA for glucose-dependant insulinotropic polypeptide receptor gene	X81832	147940	539G del
H.sapiens mRNA for glucose-dependant insulinotropic polypeptide receptor gene	X81832	147940	A-230C
H.sapiens mRNA for growth factor receptor tyrosine kinase	X61656	191306	none found
H.sapiens mRNA for microsomal triglyceride transfer protein	X75500	157147	-164 T->C
H.sapiens mRNA for microsomal triglyceride transfer protein	X75500	157147	-400 A->T
H.sapiens mRNA for microsomal triglyceride transfer protein	X75500	157147	-493T/G
H.sapiens mRNA for microsomal triglyceride transfer protein	X75500	157147	1-BP DEL, 215C

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protein H.sapiens mRNA for microsomal triglyceride transfer protein	X75500	157147	IVS, G-A, +5	
H.sapiens mRNA for microsomal triglyceride transfer protein	X75500	157147	IVS9AS, G-A, -1	
H.sapiens mRNA for microsomal triglyceride transfer protein	X75500	157147		ARG215TER
H.sapiens mRNA for parathyroid hormone receptor	X68596	168468	33-BP DEL	
H.sapiens mRNA for parathyroid hormone receptor	X68596	168468		HIS223ARG
H.sapiens mRNA for parathyroid hormone receptor	X68596	168468		THR410PRO
H.sapiens mRNA for parathyroid hormone receptor	X68596	168468		ARG383GLN
H.sapiens mRNA for parathyroid hormone receptor	X68596	168468		PRO132LEU
H.sapiens mRNA for phosphoenolpyruvate carboxykinase	X92720	261650	none found	

H.sapiens oculorhombin (aniridia) mRNA, complete cds	M77844	106210	IVS12DS, G-C, -1	
H.sapiens oculorhombin (aniridia) mRNA, complete cds	M77844	106210	2-BP INS	
H.sapiens oculorhombin (aniridia) mRNA, complete cds	M77844	106210	dinucleotide repeat promoter	
H.sapiens oculorhombin (aniridia) mRNA, complete cds	M77844	106210	EXON G DEL	
H.sapiens oculorhombin (aniridia) mRNA, complete cds	M77844	106210	IVS10AS, A-T, -2	
H.sapiens oculorhombin (aniridia) mRNA, complete cds	M77844	106210	IVS11DS, A-G, -2	
H.sapiens oculorhombin (aniridia) mRNA, complete cds	M77844	106210		ARG103TER
H.sapiens oculorhombin (aniridia) mRNA, complete cds	M77844	106210		SER353TER

complete cds H.sapiens oculorhombin (aniridia) mRNA, complete cds	M77844	106210	ARG26GLY
H.sapiens oculorhombin (aniridia) mRNA, complete cds	M77844	106210	I29V
H.sapiens oculorhombin (aniridia) mRNA, complete cds	M77844	106210	N17S
H.sapiens oculorhombin (aniridia) mRNA, complete cds	M77844	106210	Q178H
H.sapiens oculorhombin (aniridia) mRNA, complete cds	M77844	106210	R44Q
H.sapiens oculorhombin (aniridia) mRNA, complete cds	M77844	106210	Q422R
H.sapiens oculorhombin (aniridia) mRNA, complete cds	M77844	106210	ARG203TER
H.sapiens oculorhombin (aniridia) mRNA, complete cds	M77844	106210	ARG240TER

(aniridia) mRNA, complete cds	M77844	106210	GLY64VAL
H.sapiens oculorhombin (aniridia) mRNA, complete cds	M77844	106210	VAL126ASP
H.sapiens oculorhombin (aniridia) mRNA, complete cds	M77844	106210	GLN116TER
H.sapiens oculorhombin (aniridia) mRNA, complete cds	M77844	106210	I87R
H.sapiens oculorhombin (aniridia) mRNA, complete cds	M77844	106210	ARG125CYS
H.sapiens oculorhombin (aniridia) mRNA, complete cds	M77844	106210	VAL54ASP
H.sapiens PPP1R3 mRNA for protein phosphatase 1, glycogen-binding regulatory subunit	X78578	600917	5-BP INS/DEL 3'UTR

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H.sapiens PPP1R3 mRNA for protein phosphatase 1, glycogen-binding regulatory subunit HEPATOCYTE NUCLEAR FACTOR 3-BETA; HNF3B HEPATOCYTE NUCLEAR FACTOR 3-GAMMA; HNF3G HEPATOCYTE NUCLEAR FACTOR 6	X78578	600917	ASP905TYR
HMG CoA synthase (HSH1) mitochondrial HMG CoA synthase soluble	U12789 X66435	600234 142940	none found none found
HMGCoA reductase/HMGCR	NM_0008 59	142910	HgiAI
HMGCoA reductase/HMGCR	NM_0008 59	142910	ScrFI polymorphism in the 2nd intron
Homo sapiens (clone lamda-hPEC-3) phosphoenolpyruvate carboxykinase (PCK1) mRNA, complete cds	L05144	261680	none found
Homo sapiens (clone PEBP2aA1) core- binding factor, runt domain, alpha subunit	L40992	600211	16-BP INS

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1 (CBFA1) mRNA, 3' end of cds				
Homo sapiens (clone PEBP2aA1) core-binding factor, runt domain, alpha subunit 1 (CBFA1) mRNA, 3' end of cds	L40992	600211	ALA REPEAT	
Homo sapiens (clone PEBP2aA1) core-binding factor, runt domain, alpha subunit 1 (CBFA1) mRNA, 3' end of cds	L40992	600211		MET175ARG
Homo sapiens (clone PEBP2aA1) core-binding factor, runt domain, alpha subunit 1 (CBFA1) mRNA, 3' end of cds	L40992	600211		SER191ASN
Homo sapiens (clone PEBP2aA1) core-binding factor, runt domain, alpha subunit 1 (CBFA1) mRNA, 3' end of cds	L40992	600211		TRP283TER
Homo sapiens acyl-CoA synthetase 4 (ACS4) mRNA, complete cds	AF030555	300157	none found	
Homo sapiens low	M28219	143890	ATn	

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density lipoprotein receptor (FH 10 mutant causing familial hypercholesterolemia) mRNA, 3 end	M28219	143890	EX2-6DEL
Homo sapiens low density lipoprotein receptor (FH 10 mutant causing familial hypercholesterolemia) mRNA, 3 end	M28219	143890	-19(CGG)n
Homo sapiens low density lipoprotein receptor (FH 10 mutant causing familial hypercholesterolemia) mRNA, 3 end	M28219	143890	1-BP DEL, 197G
Homo sapiens low density lipoprotein receptor (FH 10 mutant causing familial hypercholesterolemia) mRNA, 3 end	M28219	143890	1061-8T-->C
Homo sapiens low density lipoprotein receptor (FH 10 mutant causing familial hypercholesterolemia) mRNA, 3 end	M28219	143890	1650delG frameshift

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receptor (FH 10 mutant causing familial hypercholesterolemia) mRNA, 3 end	M28219	143890	165delG
Homo sapiens low density lipoprotein receptor (FH 10 mutant causing familial hypercholesterolemia) mRNA, 3 end	M28219	143890	18-BP DUP
Homo sapiens low density lipoprotein receptor (FH 10 mutant causing familial hypercholesterolemia) mRNA, 3 end	M28219	143890	1846-1G-->A
Homo sapiens low density lipoprotein receptor (FH 10 mutant causing familial hypercholesterolemia) mRNA, 3 end	M28219	143890	2-BP DEL, 694AC
Homo sapiens low density lipoprotein receptor (FH 10 mutant causing familial hypercholesterolemia) mRNA, 3 end	M28219	143890	2199delCA

causing familial hypercholesterolemia) mRNA, 3 end	M28219	143890	2201delCA	
Homo sapiens low density lipoprotein receptor (FH 10 mutant causing familial hypercholesterolemia) mRNA, 3 end	M28219	143890	313 + 1G-->A	
Homo sapiens low density lipoprotein receptor (FH 10 mutant causing familial hypercholesterolemia) mRNA, 3 end	M28219	143890	335del10	frameshift
Homo sapiens low density lipoprotein receptor (FH 10 mutant causing familial hypercholesterolemia) mRNA, 3 end	M28219	143890	347delGCC	
Homo sapiens low density lipoprotein receptor (FH 10 mutant causing familial hypercholesterolemia) mRNA, 3 end	M28219	143890	4-BP INS, EX8	frameshift

hypercholesterolemia) mRNA, 3 end	M28219	143890	7-BP DEL	frameshift
Homo sapiens low density lipoprotein receptor (FH 10 mutant causing familial hypercholesterolemia) mRNA, 3 end				
Homo sapiens low density lipoprotein receptor (FH 10 mutant causing familial hypercholesterolemia) mRNA, 3 end	M28219	143890	785insG	
Homo sapiens low density lipoprotein receptor (FH 10 mutant causing familial hypercholesterolemia) mRNA, 3 end				
Homo sapiens low density lipoprotein receptor (FH 10 mutant causing familial hypercholesterolemia) mRNA, 3 end	M28219	143890	9-BP DEL	
Homo sapiens low density lipoprotein receptor (FH 10 mutant causing familial hypercholesterolemia) mRNA, 3 end				
Homo sapiens low density lipoprotein receptor (FH 10 mutant causing familial hypercholesterolemia) mRNA, 3 end	M28219	143890	AGG450AGA	silent
Homo sapiens low density lipoprotein receptor (FH 10 mutant causing familial hypercholesterolemia) mRNA, 3 end				
Homo sapiens low density lipoprotein receptor (FH 10 mutant causing familial hypercholesterolemia) mRNA, 3 end	M28219	143890	C766T	

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mRNA, 3 end Homo sapiens low density lipoprotein receptor (FH 10 mutant causing familial hypercholesterolemia) mRNA, 3 end	M28219	143890	EX13-14DEL
Homo sapiens low density lipoprotein receptor (FH 10 mutant causing familial hypercholesterolemia) mRNA, 3 end	M28219	143890	EX13-15DEL
Homo sapiens low density lipoprotein receptor (FH 10 mutant causing familial hypercholesterolemia) mRNA, 3 end	M28219	143890	EX13-15DUP
Homo sapiens low density lipoprotein receptor (FH 10 mutant causing familial hypercholesterolemia) mRNA, 3 end	M28219	143890	EX15DEL
Homo sapiens low density lipoprotein receptor (FH 10 mutant causing familial hypercholesterolemia) mRNA, 3 end	M28219	143890	EX16-17DEL

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Homo sapiens low density lipoprotein receptor (FH 10 mutant causing familial hypercholesterolemia) mRNA, 3 end	M28219	143890	EX16-18DEL
Homo sapiens low density lipoprotein receptor (FH 10 mutant causing familial hypercholesterolemia) mRNA, 3 end	M28219	143890	EX16DEL
Homo sapiens low density lipoprotein receptor (FH 10 mutant causing familial hypercholesterolemia) mRNA, 3 end	M28219	143890	EX17-18DEL
Homo sapiens low density lipoprotein receptor (FH 10 mutant causing familial hypercholesterolemia) mRNA, 3 end	M28219	143890	EX17DEL
Homo sapiens low density lipoprotein receptor (FH 10 mutant causing familial hypercholesterolemia) mRNA, 3 end	M28219	143890	EX2-12DEL
Homo sapiens low density lipoprotein receptor (FH 10 mutant causing familial hypercholesterolemia) mRNA, 3 end	M28219	143890	EX2-3DEL



density lipoprotein receptor (FH 10 mutant causing familial hypercholesterolemia) mRNA, 3 end	M28219	143890	EX2-5DUP
Homo sapiens low density lipoprotein receptor (FH 10 mutant causing familial hypercholesterolemia) mRNA, 3 end	M28219	143890	EX2-8DUP
Homo sapiens low density lipoprotein receptor (FH 10 mutant causing familial hypercholesterolemia) mRNA, 3 end	M28219	143890	EX3-8DEL
Homo sapiens low density lipoprotein receptor (FH 10 mutant causing familial hypercholesterolemia) mRNA, 3 end	M28219	143890	EX4-6DEL
Homo sapiens low density lipoprotein receptor (FH 10 mutant causing familial hypercholesterolemia) mRNA, 3 end	M28219	143890	EX5DEL

receptor (FH 10 mutant causing familial hypercholesterolemia) mRNA, 3 end	M28219	143890	EX7-14DEL
Homo sapiens low density lipoprotein receptor (FH 10 mutant causing familial hypercholesterolemia) mRNA, 3 end	M28219	143890	EX7-8DEL
Homo sapiens low density lipoprotein receptor (FH 10 mutant causing familial hypercholesterolemia) mRNA, 3 end	M28219	143890	EX7DEL
Homo sapiens low density lipoprotein receptor (FH 10 mutant causing familial hypercholesterolemia) mRNA, 3 end	M28219	143890	EX9-10DEL
Homo sapiens low density lipoprotein receptor (FH 10 mutant causing familial hypercholesterolemia) mRNA, 3 end	M28219	143890	EX9DUP

causing familial hypercholesterolemia) mRNA, 3 end	M28219	143890	HhaI intron 9
Homo sapiens low density lipoprotein receptor (FH 10 mutant causing familial hypercholesterolemia) mRNA, 3 end	M28219	143890	HincII
Homo sapiens low density lipoprotein receptor (FH 10 mutant causing familial hypercholesterolemia) mRNA, 3 end	M28219	143890	IVS3, G-A, +1
Homo sapiens low density lipoprotein receptor (FH 10 mutant causing familial hypercholesterolemia) mRNA, 3 end	M28219	143890	IVS4, T-C, +2
Homo sapiens low density lipoprotein receptor (FH 10 mutant causing familial hypercholesterolemia) mRNA, 3 end	M28219	143890	null allele

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hypercholesterolemia) mRNA, 3 end	M28219	143890	PvuII	
Homo sapiens low density lipoprotein receptor (FH 10 mutant causing familial hypercholesterolemia) mRNA, 3 end	M28219	143890	StuI	
Homo sapiens low density lipoprotein receptor (FH 10 mutant causing familial hypercholesterolemia) mRNA, 3 end	M28219	143890	T --> A28	
Homo sapiens low density lipoprotein receptor (FH 10 mutant causing familial hypercholesterolemia) mRNA, 3 end	M28219	143890		ALA410THR
Homo sapiens low density lipoprotein receptor (FH 10 mutant causing familial hypercholesterolemia) mRNA, 3 end	M28219	143890		VAL502MET

mRNA, 3 end Homo sapiens low density lipoprotein receptor (FH 10 mutant causing familial hypercholesterolemia) mRNA, 3 end	M28219	143890	ASP283ASN
Homo sapiens low density lipoprotein receptor (FH 10 mutant causing familial hypercholesterolemia) mRNA, 3 end	M28219	143890	GLY27DEL
Homo sapiens low density lipoprotein receptor (FH 10 mutant causing familial hypercholesterolemia) mRNA, 3 end	M28219	143890	GLU207LYS
Homo sapiens low density lipoprotein receptor (FH 10 mutant causing familial hypercholesterolemia) mRNA, 3 end	M28219	143890	D154N
Homo sapiens low density lipoprotein receptor (FH 10 mutant causing familial hypercholesterolemia) mRNA, 3 end	M28219	143890	D206E

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Homo sapiens low density lipoprotein receptor (FH 10 mutant causing familial hypercholesterolemia) mRNA, 3 end	M28219	143890	V408M
Homo sapiens low density lipoprotein receptor (FH 10 mutant causing familial hypercholesterolemia) mRNA, 3 end	M28219	143890	GLY197DEL
Homo sapiens low density lipoprotein receptor (FH 10 mutant causing familial hypercholesterolemia) mRNA, 3 end	M28219	143890	C127W
Homo sapiens low density lipoprotein receptor (FH 10 mutant causing familial hypercholesterolemia) mRNA, 3 end	M28219	143890	C139G
Homo sapiens low density lipoprotein receptor (FH 10 mutant causing familial hypercholesterolemia) mRNA, 3 end	M28219	143890	E397X
Homo sapiens low density lipoprotein receptor (FH 10 mutant causing familial hypercholesterolemia) mRNA, 3 end	M28219	143890	GLN12TER

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density lipoprotein receptor (FH 10 mutant causing familial hypercholesterolemia) mRNA, 3 end	M28219	143890	GLY525ASP
Homo sapiens low density lipoprotein receptor (FH 10 mutant causing familial hypercholesterolemia) mRNA, 3 end	M28219	143890	GLY528ASP
Homo sapiens low density lipoprotein receptor (FH 10 mutant causing familial hypercholesterolemia) mRNA, 3 end	M28219	143890	CYS163TYR
Homo sapiens low density lipoprotein receptor (FH 10 mutant causing familial hypercholesterolemia) mRNA, 3 end	M28219	143890	ASP206GLU
Homo sapiens low density lipoprotein receptor (FH 10 mutant causing familial hypercholesterolemia) mRNA, 3 end	M28219	143890	CYS646TYR

receptor (FH 10 mutant causing familial hypercholesterolemia) mRNA, 3 end	M28219	143890	TRP66GLY
Homo sapiens low density lipoprotein receptor (FH 10 mutant causing familial hypercholesterolemia) mRNA, 3 end	M28219	143890	SER156LEU
Homo sapiens low density lipoprotein receptor (FH 10 mutant causing familial hypercholesterolemia) mRNA, 3 end	M28219	143890	GLY544VAL
Homo sapiens low density lipoprotein receptor (FH 10 mutant causing familial hypercholesterolemia) mRNA, 3 end	M28219	143890	R329X
Homo sapiens low density lipoprotein receptor (FH 10 mutant causing familial hypercholesterolemia) mRNA, 3 end	M28219	143890	ASN543HIS

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causing familial hypercholesterolemia) mRNA, 3 end	M28219	143890	ASP154ASN
Homo sapiens low density lipoprotein receptor (FH 10 mutant causing familial hypercholesterolemia) mRNA, 3 end			
Homo sapiens low density lipoprotein receptor (FH 10 mutant causing familial hypercholesterolemia) mRNA, 3 end	M28219	143890	N543H
Homo sapiens low density lipoprotein receptor (FH 10 mutant causing familial hypercholesterolemia) mRNA, 3 end			
Homo sapiens low density lipoprotein receptor (FH 10 mutant causing familial hypercholesterolemia) mRNA, 3 end	M28219	143890	Glu119-Lys
Homo sapiens low density lipoprotein receptor (FH 10 mutant causing familial hypercholesterolemia) mRNA, 3 end			
Homo sapiens low density lipoprotein receptor (FH 10 mutant causing familial hypercholesterolemia) mRNA, 3 end	M28219	143890	C152R
Homo sapiens low density lipoprotein receptor (FH 10 mutant causing familial hypercholesterolemia) mRNA, 3 end			
Homo sapiens low density lipoprotein receptor (FH 10 mutant causing familial hypercholesterolemia) mRNA, 3 end	M28219	143890	T705I

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hypercholesterolemia) mRNA, 3 end	M28219	143890	Cys297-->Phe
Homo sapiens low density lipoprotein receptor (FH 10 mutant causing familial hypercholesterolemia) mRNA, 3 end			
Homo sapiens low density lipoprotein receptor (FH 10 mutant causing familial hypercholesterolemia) mRNA, 3 end	M28219	143890	asp147his
Homo sapiens low density lipoprotein receptor (FH 10 mutant causing familial hypercholesterolemia) mRNA, 3 end			
Homo sapiens low density lipoprotein receptor (FH 10 mutant causing familial hypercholesterolemia) mRNA, 3 end	M28219	143890	Trp469Stop
Homo sapiens low density lipoprotein receptor (FH 10 mutant causing familial hypercholesterolemia) mRNA, 3 end			
Homo sapiens low density lipoprotein receptor (FH 10 mutant causing familial hypercholesterolemia) mRNA, 3 end	M28219	143890	ASP412HIS
Homo sapiens low density lipoprotein receptor (FH 10 mutant causing familial hypercholesterolemia) mRNA, 3 end			
Homo sapiens low density lipoprotein receptor (FH 10 mutant causing familial hypercholesterolemia) mRNA, 3 end	M28219	143890	PRO664LEU

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mRNA, 3 end Homo sapiens low density lipoprotein receptor (FH 10 mutant causing familial hypercholesterolemia) mRNA, 3 end	M28219	143890	Ala370-->Thr
Homo sapiens low density lipoprotein receptor (FH 10 mutant causing familial hypercholesterolemia) mRNA, 3 end	M28219	143890	C356-->Y
Homo sapiens low density lipoprotein receptor (FH 10 mutant causing familial hypercholesterolemia) mRNA, 3 end	M28219	143890	CYS240PHE
Homo sapiens low density lipoprotein receptor (FH 10 mutant causing familial hypercholesterolemia) mRNA, 3 end	M28219	143890	Asp200-->Gly
Homo sapiens low density lipoprotein receptor (FH 10 mutant causing familial hypercholesterolemia) mRNA, 3 end	M28219	143890	C122X

Homo sapiens low density lipoprotein receptor (FH 10 mutant causing familial hypercholesterolemia) mRNA, 3 end	M28219	143890	Pro84-->Ser
Homo sapiens low density lipoprotein receptor (FH 10 mutant causing familial hypercholesterolemia) mRNA, 3 end	M28219	143890	pro664leu
Homo sapiens low density lipoprotein receptor (FH 10 mutant causing familial hypercholesterolemia) mRNA, 3 end	M28219	143890	Cys646-->Tyr
Homo sapiens low density lipoprotein receptor (FH 10 mutant causing familial hypercholesterolemia) mRNA, 3 end	M28219	143890	Glu207-->Lys
Homo sapiens low density lipoprotein receptor (FH 10 mutant causing familial hypercholesterolemia) mRNA, 3 end	M28219	143890	Trp66-->Gly
Homo sapiens low density lipoprotein receptor (FH 10 mutant causing familial hypercholesterolemia) mRNA, 3 end	M28219	143890	CYS660TER

density lipoprotein receptor (FH 10 mutant causing familial hypercholesterolemia) mRNA, 3 end	M28219	143890	TYR807CYS
Homo sapiens low density lipoprotein receptor (FH 10 mutant causing familial hypercholesterolemia) mRNA, 3 end	M28219	143890	TRP792TER
Homo sapiens low density lipoprotein receptor (FH 10 mutant causing familial hypercholesterolemia) mRNA, 3 end	M28219	143890	CYS210TER
Homo sapiens low density lipoprotein receptor (FH 10 mutant causing familial hypercholesterolemia) mRNA, 3 end	M28219	143890	GLY823ASP
Homo sapiens low density lipoprotein receptor (FH 10 mutant causing familial hypercholesterolemia) mRNA, 3 end	M28219	143890	LEU380HIS

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receptor (FH 10 mutant causing familial hypercholesterolemia) mRNA, 3 end	M28219	143890	TYR167TER
Homo sapiens low density lipoprotein receptor (FH 10 mutant causing familial hypercholesterolemia) mRNA, 3 end	M28219	143890	VAL408MET
Homo sapiens low density lipoprotein receptor (FH 10 mutant causing familial hypercholesterolemia) mRNA, 3 end	M28219	143890	C331C
Homo sapiens low density lipoprotein receptor (FH 10 mutant causing familial hypercholesterolemia) mRNA, 3 end	M28219	143890	E119K
Homo sapiens low density lipoprotein receptor (FH 10 mutant causing familial hypercholesterolemia) mRNA, 3 end	M28219	143890	N494 N

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causing familial hypercholesterolemia) mRNA, 3 end	M28219	143890	T383P
Homo sapiens low density lipoprotein receptor (FH 10 mutant causing familial hypercholesterolemia) mRNA, 3 end	M28219	143890	T7051
Homo sapiens low density lipoprotein receptor (FH 10 mutant causing familial hypercholesterolemia) mRNA, 3 end	M28219	143890	W23X
Homo sapiens low density lipoprotein receptor (FH 10 mutant causing familial hypercholesterolemia) mRNA, 3 end	M28219	143890	W556S
Homo sapiens low density lipoprotein receptor (FH 10 mutant causing familial hypercholesterolemia) mRNA, 3 end	M28219	143890	W66G

hypercholesterolemia) mRNA, 3 end	D89053	602371	none found	
Homo sapiens mRNA for Acyl-CoA synthetase 3, complete cds				
Homo sapiens mRNA for estrogen receptor beta, complete cds	AB006590	601663	none found	
Homo sapiens mRNA for perilipin, complete cds	AB005293	170290	none found	
Homo sapiens mRNA for transient receptor potential protein TRP6	AJ006276	603652	none found	
Homo sapiens mRNA for very-long-chain acyl-CoA synthetase, complete cds	D88308	603247	none found	
Homo sapiens muscle glycogen phosphorylase (PYGM) mRNA, complete cds	AF066859	232600	IVS14, G-A, +1, 67- BP DEL	
Homo sapiens muscle glycogen phosphorylase (PYGM) mRNA, complete cds	AF066859	232600		ARG49TER
Homo sapiens muscle glycogen	AF066859	232600		GLY204SER



phosphorylase (PYGM) mRNA, complete cds Homo sapiens muscle	AF066859	232600	LYS542THR
glycogen phosphorylase (PYGM) mRNA, complete cds Homo sapiens muscle	AF066859	232600	METIGLY
glycogen phosphorylase (PYGM) mRNA, complete cds Homo sapiens muscle	AF066859	232600	GLU654LYS
glycogen phosphorylase (PYGM) mRNA, complete cds Homo sapiens muscle	AF066859	232600	LEU396PRO
glycogen phosphorylase (PYGM) mRNA, complete cds Homo sapiens muscle	AF066859	232600	GLY685ARG
glycogen phosphorylase (PYGM) mRNA, complete cds Homo sapiens muscle	AF066859	232600	ARG575TER

(PYGM) mRNA, complete cds Homo sapiens muscle glycogen phosphorylase (PYGM) mRNA, complete cds	AF066859	232600	GLN665GLU
Homo sapiens muscle glycogen phosphorylase (PYGM) mRNA, complete cds	AF066859	232600	LYS753, DEL A
Homo sapiens muscle glycogen phosphorylase (PYGM) mRNA, complete cds	AF066859	232600	METVAL
Homo sapiens muscle glycogen phosphorylase (PYGM) mRNA, complete cds	AF066859	232600	GLU540TER
Homo sapiens somatostatin receptor (SSTR4) gene, complete cds	L07833	182454	none found
Homo sapiens sorbitol dehydrogenase gene, complete cds	U07361	182500	none found
HOMOLOG OF SONIC HEDGEHOG		600725	GLY31ARG

HOMOLOG OF SONIC HEDGEHOG	600725		GLN100TER
HOMOLOG OF SONIC HEDGEHOG	600725		LYS105TER
HOMOLOG OF SONIC HEDGEHOG	600725		TRP117GLY
HOMOLOG OF SONIC HEDGEHOG	600725		TRP117ARG
Human (HepG2) glucose transporter gene mRNA, complete cds	K03195 138140	GCT15GCC	silent
Human (HepG2) glucose transporter gene mRNA, complete cds	K03195 138140	XbaI	
Human (HepG2) glucose transporter gene mRNA, complete cds	K03195 138140		DEL
Human (HepG2) glucose transporter gene mRNA, complete cds	K03195 138140		LYS456TER
Human (HepG2) glucose transporter gene mRNA, complete cds	K03195 138140		TYR449TER
Human activin receptor-like kinase (ALK-5) mRNA,	L11695 190181		S387Y

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complete cds				
Human bek mRNA for fibroblast growth factor receptor-BEK	X52832	176943	ALU INS	
Human bek mRNA for fibroblast growth factor receptor-BEK	X52832	176943		CYS342TYR
Human bek mRNA for fibroblast growth factor receptor-BEK	X52832	176943		CYS342ARG
Human bek mRNA for fibroblast growth factor receptor-BEK	X52832	176943		CYS342SER
Human bek mRNA for fibroblast growth factor receptor-BEK	X52832	176943		TYR340HIS
Human bek mRNA for fibroblast growth factor receptor-BEK	X52832	176943		SER354CYS
Human bek mRNA for fibroblast growth factor receptor-BEK	X52832	176943		ALA344ALA
Human bek mRNA for fibroblast growth factor receptor-BEK	X52832	176943		ALA344GLY
Human bek mRNA for fibroblast growth factor receptor-BEK	X52832	176943		TYR328CYS
Human bek mRNA for fibroblast growth factor receptor-BEK	X52832	176943		SER347CYS

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Human bek mRNA for fibroblast growth factor receptor-BEK	X52832	176943	SER252TRP
Human bek mRNA for fibroblast growth factor receptor-BEK	X52832	176943	PRO253ARG
Human bek mRNA for fibroblast growth factor receptor-BEK	X52832	176943	THR341PRO
Human bek mRNA for fibroblast growth factor receptor-BEK	X52832	176943	CYS342TRP
Human bek mRNA for fibroblast growth factor receptor-BEK	X52832	176943	GLN289PRO
Human bek mRNA for fibroblast growth factor receptor-BEK	X52832	176943	TYR375CYS
Human bek mRNA for fibroblast growth factor receptor-BEK	X52832	176943	SER372CYS
Human bek mRNA for fibroblast growth factor receptor-BEK	X52832	176943	SER252PHE
Human bek mRNA for fibroblast growth factor receptor-BEK	X52832	176943	PRO253SER
Human bek mRNA for fibroblast growth factor receptor-BEK	X52832	176943	TRP290CYS
Human bek mRNA for fibroblast growth factor receptor-BEK	X52832	176943	LYS292GLU

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fibroblast growth factor receptor-BEK	X52832	176943	TRP290ARG
Human bek mRNA for fibroblast growth factor receptor-BEK	X52832	176943	TRP290GLY
Human bek mRNA for fibroblast growth factor receptor-BEK	X52832	176943	LYS292GLU
Human bek mRNA for fibroblast growth factor receptor-BEK	X52832	176943	TRP290ARG
Human bek mRNA for fibroblast growth factor receptor-BEK	X52832	176943	TRP290GLY
Human bek mRNA for fibroblast growth factor receptor-BEK	X52832	176943	VAL-VAL DEL
Human bek mRNA for fibroblast growth factor receptor-BEK	X52832	176943	SER351CYS
Human bek mRNA for fibroblast growth factor receptor-BEK	X52832	176943	SER252PHE
Human beta-LH gene (luteinizing hormone gene beta subunit)	X00264	152780	ILE15THR
Human beta-LH gene (luteinizing hormone	X00264	152780	TRP8ARG

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gene beta subunit)					
Human beta-LH gene (luteinizing hormone gene beta subunit)	X00264	152780			GLN54ARG
Human brain glycogen phosphorylase mRNA, complete cds	J03544	138550	none found		
Human c-erb-A mRNA for thyroid hormone receptor	X04707	190160	1-BP INS, CODON 443		frameshift
Human c-erb-A mRNA for thyroid hormone receptor	X04707	190160	1305G-C		
Human c-erb-A mRNA for thyroid hormone receptor	X04707	190160	C1644i		frameshift
Human c-erb-A mRNA for thyroid hormone receptor	X04707	190160	EX4-10DEL		
Human c-erb-A mRNA for thyroid hormone receptor	X04707	190160	HindIII		
Human c-erb-A mRNA for thyroid hormone receptor	X04707	190160			VAL458ALA
Human c-erb-A mRNA for thyroid hormone receptor	X04707	190160			R338L
Human c-erb-A mRNA for thyroid hormone receptor	X04707	190160			GLY340ARG

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Human c-erb-A mRNA for thyroid hormone receptor	X04707	190160	ALA229THR
Human c-erb-A mRNA for thyroid hormone receptor	X04707	190160	THR332DEL
Human c-erb-A mRNA for thyroid hormone receptor	X04707	190160	ARG383HIS
Human c-erb-A mRNA for thyroid hormone receptor	X04707	190160	LYS438GLU
Human c-erb-A mRNA for thyroid hormone receptor	X04707	190160	GLY340SER
Human c-erb-A mRNA for thyroid hormone receptor	X04707	190160	ARG320LEU
Human c-erb-A mRNA for thyroid hormone receptor	X04707	190160	ARG311HIS
Human c-erb-A mRNA for thyroid hormone receptor	X04707	190160	ARG438HIS
Human c-erb-A mRNA for thyroid hormone receptor	X04707	190160	ARG320CYS
Human c-erb-A mRNA for thyroid hormone receptor	X04707	190160	ARG338TRP
Human c-erb-A mRNA for thyroid hormone receptor	X04707	190160	ALA312THR

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for thyroid hormone receptor					
Human c-erb-A mRNA for thyroid hormone receptor	X04707	190160		GLY327ARG	
Human c-erb-A mRNA for thyroid hormone receptor	X04707	190160		GLY340VAL	
Human c-erb-A mRNA for thyroid hormone receptor	X04707	190160		GLY342GLU	
Human c-erb-A mRNA for thyroid hormone receptor	X04707	190160		MET437VAL	
Human c-erb-A mRNA for thyroid hormone receptor	X04707	190160		PRO448THR	
Human c-erb-A mRNA for thyroid hormone receptor	X04707	190160		PRO448HIS	
Human c-erb-A mRNA for thyroid hormone receptor	X04707	190160		THR337ALA	
Human c-erb-A mRNA for thyroid hormone receptor	X04707	190160		CYS434TER	
Human c-erb-A mRNA for thyroid hormone receptor	X04707	190160		CYS446ARG	
Human c-erb-A mRNA for thyroid hormone receptor	X04707	190160		LEU445HIS	

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receptor Human c-erb-A mRNA for thyroid hormone	X04707	190160	GLY340ASP
receptor Human c-erb-A mRNA for thyroid hormone	X04707	190160	GLN335HIS
receptor Human c-erb-A mRNA for thyroid hormone	X04707	190160	pro453ser
receptor Human c-erb-A mRNA for thyroid hormone	X04707	190160	R316H
receptor Human c-erb-A mRNA for thyroid hormone	X04707	190160	met313thre
receptor Human c-erb-A mRNA for thyroid hormone	X04707	190160	L346V
receptor Human c-erb-A mRNA for thyroid hormone	X04707	190160	MET310THR
receptor Human c-erb-A mRNA for thyroid hormone	X04707	190160	LEU325PHE
receptor Human c-erb-A mRNA for thyroid hormone	X04707	190160	ARG243GLN
receptor Human c-erb-A mRNA for thyroid hormone	X04707	190160	ARG243TRP

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Human c-erb-A mRNA for thyroid hormone receptor	X04707	190160	ASP317HIS
Human c-erb-A mRNA for thyroid hormone receptor	X04707	190160	PHE454CYS
Human c-erb-A mRNA for thyroid hormone receptor	X04707	190160	ARG315HIS
Human c-erbA-1 mRNA for thyroid hormone receptor alpha	X55005	190120	LYS370ASN
Human c-erbA-1 mRNA for thyroid hormone receptor alpha	X55005	190120	SER377LEU
Human c-erbA-1 mRNA for thyroid hormone receptor alpha	X55005	190120	SER45ILE
Human cGMP- inhibited cAMP phosphodiesterase mRNA, complete cds	M91667	123805	none found
Human colipase mRNA, complete cds	J02883	120105	none found
Human collagen type XVIII alpha 1 (COL18A1) mRNA, partial cds	L22548	120328	none found
Human CYP11B2 gene for steroid 18- hydroxylase, complete	D13752	124080	-344C/T

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Human CYP11B2 gene for steroid 18- hydroxylase, complete cds	D13752	124080	5-BP DEL	frameshift
Human CYP11B2 gene for steroid 18- hydroxylase, complete cds	D13752	124080	T4986C	
Human CYP11B2 gene for steroid 18- hydroxylase, complete cds	D13752	124080		GLU198ASP
Human CYP11B2 gene for steroid 18- hydroxylase, complete cds	D13752	124080		GLU255TER
Human CYP11B2 gene for steroid 18- hydroxylase, complete cds	D13752	124080		LYS173ARG
Human CYP11B2 gene for steroid 18- hydroxylase, complete cds	D13752	124080		THR185ILE
Human CYP11B2 gene for steroid 18- hydroxylase, complete cds	D13752	124080		LEU461PRO
Human CYP11B2 gene for steroid 18- hydroxylase, complete cds	D13752	124080		ARG181TRP

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hydroxylase, complete cds				
Human CYP11B2 gene for steroid 18-hydroxylase, complete cds	D13752	124080		VAL386ALA
Human CYP11B2 gene for steroid 18-hydroxylase, complete cds	D13752	124080		T318M
Human cytochrome P450c21 mRNA, 3' end	M17252	201910	1761Tins	
Human cytochrome P450c21 mRNA, 3' end	M17252	201910	C-G intron 2	
Human cytochrome P450c21 mRNA, 3' end	M17252	201910	DEL	
Human cytochrome P450c21 mRNA, 3' end	M17252	201910	PvuII	
Human cytochrome P450c21 mRNA, 3' end	M17252	201910	TGC to AC	
Human cytochrome P450c21 mRNA, 3' end	M17252	201910	3-BP INS	LEU10INS
Human cytochrome P450c21 mRNA, 3' end	M17252	201910	656 A-->G	
Human cytochrome P450c21 mRNA, 3' end	M17252	201910	8-BP DEL	
Human cytochrome P450c21 mRNA, 3' end	M17252	201910	ClusterE6	
Human cytochrome P450c21 mRNA, 3' end	M17252	201910	F306+t	
Human cytochrome P450c21 mRNA, 3' end	M17252	201910	G-T exon 7	

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P450c21 mRNA, 3' end	M17252	201910	GG dinucleotide to a C in exon 10	
Human cytochrome P450c21 mRNA, 3' end	M17252	201910	HaeIII	
Human cytochrome P450c21 mRNA, 3' end	M17252	201910	IVS2AS A/C-G, -13	
Human cytochrome P450c21 mRNA, 3' end	M17252	201910	IVS7DS, G-C, +1	
Human cytochrome P450c21 mRNA, 3' end	M17252	201910	NcoI	
Human cytochrome P450c21 mRNA, 3' end	M17252	201910	Rsa I	
Human cytochrome P450c21 mRNA, 3' end	M17252	201910	T-A exon 4	
Human cytochrome P450c21 mRNA, 3' end	M17252	201910		ILE172ASN
Human cytochrome P450c21 mRNA, 3' end	M17252	201910		VAL281LEU
Human cytochrome P450c21 mRNA, 3' end	M17252	201910		PRO30LEU
Human cytochrome P450c21 mRNA, 3' end	M17252	201910		SER268THR
Human cytochrome P450c21 mRNA, 3' end	M17252	201910		GLY292SER
Human cytochrome P450c21 mRNA, 3' end	M17252	201910		PRO453SER
Human cytochrome P450c21 mRNA, 3' end	M17252	201910		TYR102ARG
Human cytochrome P450c21 mRNA, 3' end	M17252	201910		ILE235ASN

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Human cytochrome P450c21 mRNA, 3' end	M17252	201910	VAL236GLU
Human cytochrome P450c21 mRNA, 3' end	M17252	201910	MET238LYS
Human cytochrome P450c21 mRNA, 3' end	M17252	201910	GLN318TER
Human cytochrome P450c21 mRNA, 3' end	M17252	201910	ARG339HIS
Human cytochrome P450c21 mRNA, 3' end	M17252	201910	TRP406TER
Human cytochrome P450c21 mRNA, 3' end	M17252	201910	GLU380ASP
Human cytochrome P450c21 mRNA, 3' end	M17252	201910	Q318X
Human cytochrome P450c21 mRNA, 3' end	M17252	201910	R356W
Human cytochrome P450c21 mRNA, 3' end	M17252	201910	I236N
Human cytochrome P450c21 mRNA, 3' end	M17252	201910	V237E
Human cytochrome P450c21 mRNA, 3' end	M17252	201910	M239K
Human cytochrome P450c21 mRNA, 3' end	M17252	201910	GLY524SER
Human cytochrome P450c21 mRNA, 3' end	M17252	201910	R356Q
Human cytochrome P450c21 mRNA, 3' end	M17252	201910	Y97X
Human cytochrome P450c21 mRNA, 3' end	M17252	201910	Arg357Trp
Human cytochrome P450c21 mRNA, 3' end	M17252	201910	D183E

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P450c21 mRNA, 3' end	M17252	201910	W23X
Human cytochrome			
P450c21 mRNA, 3' end			
Human fatty acid	U26644	600212	none found
synthase (fas) mRNA, complete cds			
Human gene for	X52560	189965	none found
nuclear factor NF-IL6			
Human glucagon-like	U01157	138032	none found
peptide-1 receptor			
mRNA with CA			
dinucleotide repeat, complete cds			
Human heparin-	M32977	192240	none found
binding vascular			
endothelial growth			
factor (VEGF) mRNA, complete cds			
Human hepatic lipase	J03540	151670	SER267PHE
mRNA, complete cds			
Human hepatic lipase	J03540	151670	THR383MET
mRNA, complete cds			
Human hepatic nuclear	M57732	142410	A-C, -58
factor 1 (TCF1)			
mRNA, complete cds, clones HCL10, HCL12, HCL17, and HCL20			
Human hepatic nuclear	M57732	142410	1-BP DEL
factor 1 (TCF1)			frameshift
mRNA, complete cds,			

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clones HCL10, HCL12, HCL17, and HCL20	M57732	142410	1-BP INS	frameshift
Human hepatic nuclear factor 1 (TCF1) mRNA, complete cds, clones HCL10, HCL12, HCL17, and HCL20	M57732	142410	RsaI promoter	
Human hepatic nuclear factor 1 (TCF1) mRNA, complete cds, clones HCL10, HCL12, HCL17, and HCL20	M57732	142410		PRO447LEU
Human hepatic nuclear factor 1 (TCF1) mRNA, complete cds, clones HCL10, HCL12, HCL17, and HCL20	M57732	142410		E619K
Human hepatic nuclear factor 1 (TCF1) mRNA, complete cds, clones HCL10, HCL12, HCL17, and HCL20	M57732	142410		R537T

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HCL12, HCL17, and HCL20	M57732	142410	Ala/Val98
Human hepatic nuclear factor 1 (TCF1) mRNA, complete cds, clones HCL10, HCL12, HCL17, and HCL20			
Human hepatic nuclear factor 1 (TCF1) mRNA, complete cds, clones HCL10, HCL12, HCL17, and HCL20	M57732	142410	TYR122CYS
Human hepatic nuclear factor 1 (TCF1) mRNA, complete cds, clones HCL10, HCL12, HCL17, and HCL20	M57732	142410	THR620ILE
Human hepatic nuclear factor 1 (TCF1) mRNA, complete cds, clones HCL10, HCL12, HCL17, and HCL20	M57732	142410	Gly574Ser
Human hepatic nuclear factor 1 (TCF1) mRNA, complete cds, clones HCL10, HCL12, HCL17, and HCL20	M57732	142410	Cys241Gly

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HCL20 Human hepatic nuclear factor 1 (TCF1) mRNA, complete cds, clones HCL10, HCL12, HCL17, and HCL20	M57732	142410	Glu48Lys
Human hepatic nuclear factor 1 (TCF1) mRNA, complete cds, clones HCL10, HCL12, HCL17, and HCL20	M57732	142410	Pro291fsdelA
Human hepatic nuclear factor 1 (TCF1) mRNA, complete cds, clones HCL10, HCL12, HCL17, and HCL20	M57732	142410	ARG272HIS
Human hepatic nuclear factor 1 (TCF1) mRNA, complete cds, clones HCL10, HCL12, HCL17, and HCL20	M57732	142410	ARG583GLY
Human hepatic nuclear factor 1 (TCF1) mRNA, complete cds, clones HCL10, HCL12, HCL17, and HCL20	M57732	142410	K205Q

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Human hepatic nuclear factor 1 (TCF1) mRNA, complete cds, clones HCL10, HCL12, HCL17, and HCL20	M57732	142410	R131Q
Human hepatic nuclear factor 1 (TCF1) mRNA, complete cds, clones HCL10, HCL12, HCL17, and HCL20	M57732	142410	T392fsdelA
Human hepatic nuclear factor 1 (TCF1) mRNA, complete cds, clones HCL10, HCL12, HCL17, and HCL20	M57732	142410	L12H
Human hepatic nuclear factor 1 (TCF1) mRNA, complete cds, clones HCL10, HCL12, HCL17, and HCL20	M57732	142410	L584S585fsinsT C
Human hepatic nuclear factor 1 (TCF1) mRNA, complete cds, clones HCL10, HCL12, HCL17, and HCL20	M57732	142410	P379fsdelCT
Human hepatic nuclear factor 1 (TCF1) mRNA, complete cds, clones HCL10, HCL12, HCL17, and HCL20	M57732	142410	R263C

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factor 1 (TCF1) mRNA, complete cds, clones HCL10, HCL12, HCL17, and HCL20	M57732	142410	G191D
Human hepatic nuclear factor 1 (TCF1) mRNA, complete cds, clones HCL10, HCL12, HCL17, and HCL20	M57732	142410	GLY319SER
Human hepatocyte nuclear factor-3 alpha (HNF-3 alpha) mRNA, complete cds	U39840	602294	none found
Human hormone- sensitive lipase testicular isoform mRNA, complete cds	U40002	151750	dinucleotide repeat
Human hormone- sensitive lipase testicular isoform mRNA, complete cds	U40002	151750	Arg309Cys
Human HXC-26 mRNA, complete cds	D83260	601125	none found

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Human insulin promoter factor 1 (IPF1) mRNA, complete cds	U30329	600733		1-BP DEL	frameshift
Human insulin- degrading enzyme (IDE) mRNA, complete cds	M21188	146680		none found	
Human insulin- responsive glucose transporter (GLUT4) mRNA, complete cds	M20747	138190			VAL383ILE
Human liver glycogen phosphorylase type IV mRNA, 3' end	M36807	232700		IVS13DS, G-A, +1	
Human liver glycogen phosphorylase type IV mRNA, 3' end	M36807	232700		IVS14DS, G-A, +1	
Human liver glycogen phosphorylase type IV mRNA, 3' end	M36807	232700		IVS4AS, G-C, -1	
Human liver glycogen phosphorylase type IV mRNA, 3' end	M36807	232700			ASN338SER
Human liver glycogen phosphorylase type IV mRNA, 3' end	M36807	232700			ASN376LYS
Human liver glycogen phosphorylase type IV mRNA, 3' end	M36807	232700			VAL221ILE
Human long-chain	L09229	152425		A-->T	new initiation

acyl-coenzyme A synthetase (FACL1) mRNA, complete cds	M63108	152790	6-BP DEL, NT1822	codon +18 amino acids
Human luteinizing hormone- choriogonadotropin receptor mRNA, complete cds	M63108	152790	LEU-GLN INS, CODON 19-20	
Human luteinizing hormone- choriogonadotropin receptor mRNA, complete cds	M63108	152790		SER616TYR
Human luteinizing hormone- choriogonadotropin receptor mRNA, complete cds	M63108	152790		ARG554TER
Human luteinizing hormone- choriogonadotropin receptor mRNA, complete cds	M63108	152790		ALA593PRO
Human luteinizing hormone- choriogonadotropin receptor mRNA, complete cds	M63108	152790		ASP578GLY

receptor mRNA, complete cds	M63108	152790	ILE625LYS
Human luteinizing hormone- choriogonadotropin receptor mRNA, complete cds	M63108	152790	ILE542LEU
Human luteinizing hormone- choriogonadotropin receptor mRNA, complete cds	M63108	152790	ALA373VAL
Human luteinizing hormone- choriogonadotropin receptor mRNA, complete cds	M63108	152790	GLU354LYS
Human luteinizing hormone- choriogonadotropin receptor mRNA, complete cds	M63108	152790	ARG133CYS
Human luteinizing hormone- choriogonadotropin receptor mRNA, complete cds	M63108	152790	ASP578GLY

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complete cds Human luteinizing hormone- choriogonadotropin receptor mRNA, complete cds	M63108	152790	ALA572VAL
Human luteinizing hormone- choriogonadotropin receptor mRNA, complete cds	M63108	152790	THR577ILE
Human luteinizing hormone- choriogonadotropin receptor mRNA, complete cds	M63108	152790	ASP582GLY
Human luteinizing hormone- choriogonadotropin receptor mRNA, complete cds	M63108	152790	MET575ILE
Human luteinizing hormone- choriogonadotropin receptor mRNA, complete cds	M63108	152790	MET398THR
Human luteinizing hormone- choriogonadotropin receptor mRNA, complete cds	M63108	152790	CYS545TER

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Human metalloendopeptidase homolog (PEX) mRNA, partial cds	U60475	307800	2-BP DEL	frameshift
Human metalloendopeptidase homolog (PEX) mRNA, partial cds	U60475	307800	A-G, NT-429	
Human metalloendopeptidase homolog (PEX) mRNA, partial cds	U60475	307800	IVSIAS, G-A, -1	
Human metalloendopeptidase homolog (PEX) mRNA, partial cds	U60475	307800	IVSIAS, G-C, -1	
Human metalloendopeptidase homolog (PEX) mRNA, partial cds	U60475	307800		LEU555PRO
Human metalloendopeptidase homolog (PEX) mRNA, partial cds	U60475	307800		CYS82TYR
Human metalloendopeptidase homolog (PEX) mRNA, partial cds	U60475	307800		LEU274TER
Human metalloendopeptidase homolog (PEX)	U60475	307800		MET250ILE

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mRNA, partial cds					
Human	U60475	307800			PHE249SER
metalloendopeptidase homolog (PEX)					
mRNA, partial cds					
Human molecular	M90439	172860		G to A 5	
marker (EPC-1) gene, complete cds					
Human molecular	M90439	172860			Met72Thr
marker (EPC-1) gene, complete cds					
Human molecular	M90439	172860			Thr130Thr
marker (EPC-1) gene, complete cds					
Human molecular	M90439	172860			Tyr321Tyr
marker (EPC-1) gene, complete cds					
Human mRNA for	D49488	600415		1-BP DEL 744	
alpha-tocopherol transfer protein, complete cds					
Human mRNA for	D49488	600415		1-BP DEL, 485T	frameshift
alpha-tocopherol transfer protein, complete cds					
Human mRNA for	D49488	600415		2-BP INS, 513TT	
alpha-tocopherol transfer protein, complete cds					
Human mRNA for	D49488	600415		552G-A	
alpha-tocopherol					

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transfer protein, complete cds	D49488	600415	HIS101GLN
Human mRNA for alpha-tocopherol transfer protein, complete cds	D49488	600415	ARG192HIS
Human mRNA for alpha-tocopherol transfer protein, complete cds	D49488	600415	ARG134TER
Human mRNA for carboxypeptidase E (EC 3.4.17.10)	X51405	114855	none found
Human mRNA for cytochrome P-450 (11 Beta)	X55764	202010	2-BP INS, CODON 394 frameshift
Human mRNA for cytochrome P-450 (11 Beta)	X55764	202010	28bp deletion
Human mRNA for cytochrome P-450 (11 Beta)	X55764	202010	5 bp duplication
Human mRNA for cytochrome P-450 (11 Beta)	X55764	202010	CHIMERA
Human mRNA for cytochrome P-450 (11 Beta)	X55764	202010	MspI

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Beta) Human mRNA for cytochrome P-450 (11	X55764	202010	PvuII	
Beta) Human mRNA for cytochrome P-450 (11	X55764	202010		ARG448HIS
Beta) Human mRNA for cytochrome P-450 (11	X55764	202010		TRP116TER
Beta) Human mRNA for cytochrome P-450 (11	X55764	202010		N133H
Beta) Human mRNA for cytochrome P-450 (11	X55764	202010		P42S
Beta) Human mRNA for cytochrome P-450 (11	X55764	202010		Y423X
Beta) Human mRNA for cytochrome P-450 (11	X55764	202010		arg384gly
Beta) Human mRNA for cytochrome P-450 (11	X55764	202010		ARG374GLN
Beta) Human mRNA for cytochrome P-450 (11	X55764	202010		THR318MET
Beta) Human mRNA for cytochrome P-450 (11	X55764	202010		C494F

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Human mRNA for cytochrome P-450 (11 Beta)	X55764	202010		G267D
Human mRNA for cytochrome P-450 (11 Beta)	X55764	202010		G267R
Human mRNA for cytochrome P-450 (11 Beta)	X55764	202010		Q356X
Human mRNA for cytochrome P-450 (11 Beta)	X55764	202010		R427H
Human mRNA for glioblastoma-derived T-cell suppressor factor G-TsF (transforming growth factor-beta2, TGF-beta2)	Y00083	190220	none found	
Human mRNA for plasminogen	X05199	173350	IVS17, 1-BP DEL, G, +1 TaqI	GLU460TER
Human mRNA for plasminogen	X05199	173350		ALA600THR
Human mRNA for plasminogen	X05199	173350		ARG216HIS
Human mRNA for plasminogen	X05199	173350		GLY732ARG
Human mRNA for plasminogen	X05199	173350		LYS19GLU

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Human mRNA for plasminogen	X05199	173350	LYS212DEL
Human mRNA for plasminogen	X05199	173350	SER572PRO
Human mRNA for plasminogen	X05199	173350	TRP597TER
Human mRNA for plasminogen	X05199	173350	VAL355PHE
Human mRNA for plasminogen	X05199	173350	D676N
Human mRNA for plasminogen	X05199	173350	Ala675Thr
Human mRNA for transforming growth factor-beta (TGF-beta)	X02812	190180	713-8delC
Human mRNA for transforming growth factor-beta (TGF-beta)	X02812	190180	Leu10-->Pro
Human mRNA for transforming growth factor-beta (TGF-beta)	X02812	190180	Arg25-->Pro
Human mRNA for transforming growth factor-beta 3 (TGF-beta 3)	X14149	190230	none found
Human mRNA for variant hepatic nuclear factor 1 (vHNF1)	X58840	189907	75-BP DEL, NT409
Human mRNA for variant hepatic nuclear	X58840	189907	ARG177TER

factor 1 (vHNF1)				
Human mRNA	X02404	114160	none found	
fragment for second				
calcitonin gene related				
peptide (CGRP) from				
medullary thyroid				
carcinoma (MTC)				
Human mRNA for	X12451	116880	none found	
pro-cathepsin L (major				
excreted protein MEP)				
Human muscle	J04501	138570	TTC342TTT	
glycogen synthase				
mRNA, complete cds				Gln71His
Human muscle	J04501	138570		
glycogen synthase				
mRNA, complete cds				Gly464Ser
Human muscle	J04501	138570		
glycogen synthase				
mRNA, complete cds				Met416Val
Human muscle	J04501	138570		
glycogen synthase				
mRNA, complete cds				
Human myeloid-	U80982	600749	none found	
specific C/EBP-epsilon				
transcription factor				
(CEBPE) gene,				
complete cds				
Human neurokinin A	M57414	162321	none found	
receptor (NK-2R)				
mRNA, complete cds				
Human NF-IL6-beta	M83667	116898	none found	

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protein mRNA, complete cds					
Human obese (ob) mRNA, complete cds	U18915	164160	-1387 G/A		
Human obese (ob) mRNA, complete cds	U18915	164160	1-BP DEL		frameshift
Human obese (ob) mRNA, complete cds	U18915	164160	A --> G + 19 exon1		
Human obese (ob) mRNA, complete cds	U18915	164160	C(-188)A		
Human obese (ob) mRNA, complete cds	U18915	164160			ARG105TRP
Human obese (ob) mRNA, complete cds	U18915	164160			Glu-126-Gln
Human obese (ob) mRNA, complete cds	U18915	164160			Ser-91-Ser
Human pancreatic beta-cell glucokinase mRNA, complete cds	M88011	138079	CCC[Pro]-- >CCG[Pro] at codon 145		
Human pancreatic beta-cell glucokinase mRNA, complete cds	M88011	138079	intron 1 a variant (C-->T)		
Human pancreatic beta-cell glucokinase mRNA, complete cds	M88011	138079	(-258) G-to-A		
Human pancreatic beta-cell glucokinase mRNA, complete cds	M88011	138079	(TAC-->TAT) in codon 215		
Human pancreatic beta-cell glucokinase mRNA, complete cds	M88011	138079	-120 (G-->T)		

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Human pancreatic beta-cell glucokinase mRNA, complete cds	M88011	138079	-194 (A-->G)
Human pancreatic beta-cell glucokinase mRNA, complete cds	M88011	138079	-282 (C-->T)
Human pancreatic beta-cell glucokinase mRNA, complete cds	M88011	138079	-30 G/A
Human pancreatic beta-cell glucokinase mRNA, complete cds	M88011	138079	10-bp (base pair) deletion in exon 3;
Human pancreatic beta-cell glucokinase mRNA, complete cds	M88011	138079	33-bp deletion at the exon 5/intron 5 junction 403 (C-->G)
Human pancreatic beta-cell glucokinase mRNA, complete cds	M88011	138079	603 (G-->T)
Human pancreatic beta-cell glucokinase mRNA, complete cds	M88011	138079	A--> G 244
Human pancreatic beta-cell glucokinase mRNA, complete cds	M88011	138079	C--> T 8 bp 3' to the exon 9
Human pancreatic beta-cell glucokinase mRNA, complete cds	M88011	138079	compound imperfect dinucleotide repeat
Human pancreatic beta-cell glucokinase mRNA, complete cds	M88011	138079	G--> A 13

beta-cell glucokinase mRNA, complete cds	M88011	138079	IVS4DS, 15-BP DEL	
Human pancreatic beta-cell glucokinase mRNA, complete cds	M88011	138079	TGG257-->CGG257	
Human pancreatic beta-cell glucokinase mRNA, complete cds	M88011	138079		ARG186TER
Human pancreatic beta-cell glucokinase mRNA, complete cds	M88011	138079		GLU265TER
Human pancreatic beta-cell glucokinase mRNA, complete cds	M88011	138079		GLU279TER
Human pancreatic beta-cell glucokinase mRNA, complete cds	M88011	138079		GLY261ARG
Human pancreatic beta-cell glucokinase mRNA, complete cds	M88011	138079		GLY299ARG
Human pancreatic beta-cell glucokinase mRNA, complete cds	M88011	138079		SER131PRO
Human pancreatic beta-cell glucokinase mRNA, complete cds	M88011	138079		THR228MET
Human pancreatic beta-cell glucokinase mRNA, complete cds	M88011	138079		VAL455MET

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mRNA, complete cds				
Human pancreatic	M88011	138079		Val62Ala
beta-cell glucokinase				
mRNA, complete cds				
Human pancreatic	M88011	138079		Thr209--
beta-cell glucokinase				>Met209
mRNA, complete cds				
Human pancreatic	M88011	138079		Gly261--
beta-cell glucokinase				>Glu261
mRNA, complete cds				
Human pancreatic	M88011	138079		Arg36-->Trp36
beta-cell glucokinase				
mRNA, complete cds				
Human pancreatic	M88011	138079		Glu70-->Lys
beta-cell glucokinase				
mRNA, complete cds				
Human pancreatic	M88011	138079		Ser131-->Pro
beta-cell glucokinase				
mRNA, complete cds				
Human pancreatic	M88011	138079		Ala188-->Thr
beta-cell glucokinase				
mRNA, complete cds				
Human pancreatic	M88011	138079		Trp257-->Arg
beta-cell glucokinase				
mRNA, complete cds				
Human pancreatic	M88011	138079		Lys414-->Glu
beta-cell glucokinase				
mRNA, complete cds				
Human pancreatic	M88011	138079		Asp4-->Asn
beta-cell glucokinase				
mRNA, complete cds				

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Human pancreatic beta-cell glucokinase mRNA, complete cds	M88011	138079		Ala11Thr
Human parathyroid cell calcium-sensing receptor mRNA, complete cds	U20759	601199	(CA)n	
Human parathyroid cell calcium-sensing receptor mRNA, complete cds	U20759	601199	2-BP DEL/1-BP INS	
Human parathyroid cell calcium-sensing receptor mRNA, complete cds	U20759	601199	ALU INS, CODON 877	
Human parathyroid cell calcium-sensing receptor mRNA, complete cds	U20759	601199	T/C fifth intron	
Human parathyroid cell calcium-sensing receptor mRNA, complete cds	U20759	601199		ARG796TRP
Human parathyroid cell calcium-sensing receptor mRNA, complete cds	U20759	601199		GLU298LYS
Human parathyroid cell calcium-sensing receptor mRNA, complete cds	U20759	601199		ARG185GLN

Human parathyroid cell calcium-sensing receptor mRNA, complete cds	U20759	601199	GLU128ALA
Human parathyroid cell calcium-sensing receptor mRNA, complete cds	U20759	601199	ARG227LEU
Human parathyroid cell calcium-sensing receptor mRNA, complete cds	U20759	601199	CYS582TYR
Human parathyroid cell calcium-sensing receptor mRNA, complete cds	U20759	601199	GLU681HIS
Human parathyroid cell calcium-sensing receptor mRNA, complete cds	U20759	601199	ALA116THR
Human parathyroid cell calcium-sensing receptor mRNA, complete cds	U20759	601199	PHE806SER
Human parathyroid cell calcium-sensing receptor mRNA, complete cds	U20759	601199	THR151MET
Human parathyroid cell calcium-sensing receptor mRNA, complete cds	U20759	601199	ASN118LYS

complete cds Human parathyroid cell calcium-sensing receptor mRNA, complete cds	U20759	601199	PHE128LEU
Human parathyroid cell calcium-sensing receptor mRNA, complete cds	U20759	601199	THR151MET
Human parathyroid cell calcium-sensing receptor mRNA, complete cds	U20759	601199	GLU191LYS
Human parathyroid cell calcium-sensing receptor mRNA, complete cds	U20759	601199	PHE612SER
Human parathyroid cell calcium-sensing receptor mRNA, complete cds	U20759	601199	LEU773ARG
Human parathyroid cell calcium-sensing receptor mRNA, complete cds	U20759	601199	ARG185TER
Human parathyroid cell calcium-sensing receptor mRNA, complete cds	U20759	601199	GLY670GLU
Human parathyroid cell calcium-sensing	U20759	601199	PRO40ALA

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receptor mRNA, complete cds	U20759	601199	ARG228GLN
Human parathyroid cell calcium-sensing receptor mRNA, complete cds	U20759	601199	THR139MET
Human parathyroid cell calcium-sensing receptor mRNA, complete cds	U20759	601199	GLY144GLU
Human parathyroid cell calcium-sensing receptor mRNA, complete cds	U20759	601199	ARG63MET
Human parathyroid cell calcium-sensing receptor mRNA, complete cds	U20759	601199	ARG67CYS
Human parathyroid cell calcium-sensing receptor mRNA, complete cds	U20759	601199	PHE788CYS
Human parathyroid cell calcium-sensing receptor mRNA, complete cds	U20759	601199	LYS47ASN
Human parathyroid cell calcium-sensing receptor mRNA, complete cds	U20759	601199	A986S

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calcium-sensing receptor mRNA, complete cds	U43148	601309	1148G-A	
Human patched homolog (PTC) mRNA, complete cds	U43148	601309	1-BP DEL	
Human patched homolog (PTC) mRNA, complete cds	U43148	601309	1-BP INS	
Human patched homolog (PTC) mRNA, complete cds	U43148	601309	11-BP DEL	frameshift
Human patched homolog (PTC) mRNA, complete cds	U43148	601309	2-BP INS	
Human patched homolog (PTC) mRNA, complete cds	U43148	601309	3340A-T	
Human patched homolog (PTC) mRNA, complete cds	U43148	601309	37-BP DEL	
Human patched homolog (PTC) mRNA, complete cds	U43148	601309	451C-T	Pro-Ser
Human patched homolog (PTC) mRNA, complete cds	U43148	601309	9-BP INS	CODON 815, PRO-ASN-ILE INS
Human patched homolog (PTC) mRNA, complete cds	U43148	601309	CAG to TAG at	nonsense

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homolog (PTC) mRNA, complete cds	U43148	601309	codon 361	GLN210TER
Human patched homolog (PTC)				
mRNA, complete cds	U43148	601309		Gln816Leu
Human patched homolog (PTC)				
mRNA, complete cds	U25128	601469	none found	
Human PTH2 parathyroid hormone receptor mRNA, complete cds				
Human putative calcium influx channel (htrp3) mRNA, complete cds	U47050	602345	none found	
Human receptor for advanced glycosylation end products (RAGE) mRNA, partial cds	M91211	600214	none found	
Human serum vitamin D-binding protein (hDBP) mRNA, complete cds	M12654	139200	HaeIII	
Human serum vitamin D-binding protein (hDBP) mRNA, complete cds	M12654	139200	(TAAA)n	
Human serum vitamin D-binding protein (hDBP) mRNA, complete cds	M12654	139200	MspI	

complete cds				
Human serum vitamin D-binding protein (hDBP) mRNA, complete cds	M12654	139200	Styl	
Human serum vitamin D-binding protein (hDBP) mRNA, complete cds	M12654	139200	T to C at Cys283	
Human serum vitamin D-binding protein (hDBP) mRNA, complete cds	M12654	139200		THR420LYS
Human somatostatin I gene and flanks	J00306	182450	BamHI intron	
Human somatostatin I gene and flanks	J00306	182450	EcoRI 3'	
Human SREBP-1 mRNA, complete cds	U00968	184756	none found	
Human stanniocalcin mRNA, complete cds	U46768	601185	none found	
Human steroid 5-alpha-reductase 2 (SRD5A2) mRNA, complete cds	M74047	264600	1-BP DEL	PRO251DEL
Human steroid 5-alpha-reductase 2 (SRD5A2) mRNA, complete cds	M74047	264600	null allele	
Human steroid 5-alpha-reductase 2 (SRD5A2) mRNA, complete cds	M74047	264600		ARG246TRP
Human steroid 5-alpha-reductase 2 (SRD5A2) mRNA, complete cds	M74047	264600		GLY115ASP

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reductase 2 (SRD5A2) mRNA, complete cds	M74047	264600	GLY183SER
Human steroid 5-alpha- reductase 2 (SRD5A2) mRNA, complete cds	M74047	264600	GLY196SER
Human steroid 5-alpha- reductase 2 (SRD5A2) mRNA, complete cds	M74047	264600	HIS231ARG
Human steroid 5-alpha- reductase 2 (SRD5A2) mRNA, complete cds	M74047	264600	LEU55GLN
Human steroid 5-alpha- reductase 2 (SRD5A2) mRNA, complete cds	M74047	264600	MET157DEL
Human steroid 5-alpha- reductase 2 (SRD5A2) mRNA, complete cds	M74047	264600	THR228ALA
Human steroid 5-alpha- reductase 2 (SRD5A2) mRNA, complete cds	M74047	264600	ARG227TER
Human steroidogenic acute regulatory protein (StAR) mRNA, complete cds	U17280	600617	840delA
Human steroidogenic acute regulatory protein (StAR) mRNA, complete cds	U17280	600617	IVS4AS, T-A, -11

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Human steroidogenic acute regulatory protein (StAR) mRNA, complete cds	U17280	600617	GLN258TER
Human steroidogenic acute regulatory protein (StAR) mRNA, complete cds	U17280	600617	ARG182LEU
Human steroidogenic acute regulatory protein (StAR) mRNA, complete cds	U17280	600617	1-BP DEL, 261T
Human steroidogenic acute regulatory protein (StAR) mRNA, complete cds	U17280	600617	IVS2, 1-BP INS, T, +3
Human steroidogenic acute regulatory protein (StAR) mRNA, complete cds	U17280	600617	D203A
Human sterol regulatory element binding protein-2 mRNA, complete cds	U02031	600481	none found
Human transforming growth factor-beta type III receptor (TGF-beta) mRNA, complete cds	L07594	600742	none found
Human type II iodothyronine deiodinase mRNA,	U53506	601413	none found

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complete cds				
Human type II serine/threonine kinase receptor mRNA, complete cds	U20165	600799	none found	
Human vascular endothelial growth factor related protein VRP mRNA, complete cds	U43142	601528	none found	
Human VEGF related factor isoform VRF186 precursor (VRF) mRNA, complete cds	U43368	601398	none found	
Hydroxy-delta-5- steroid dehydrogenase, 3 beta- and steroid delta-isomerase 2	M67466	201810	1-BP INS	
Hydroxy-delta-5- steroid dehydrogenase, 3 beta- and steroid delta-isomerase 2	M67466	201810	Dinucleotide repeat	
Hydroxy-delta-5- steroid dehydrogenase, 3 beta- and steroid delta-isomerase 2	M67466	201810		ARG249TER
Hydroxy-delta-5- steroid dehydrogenase, 3 beta- and steroid delta-isomerase 2	M67466	201810		VAL248ASN
Hydroxy-delta-5- steroid dehydrogenase, 3 beta- and steroid delta-isomerase 2	M67466	201810		TRP171TER

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Insulin receptor	M10051	147670	Gln276 (CAA-->CAG)	silent
Insulin receptor	M10051	147670	Gly8 (GGA-->GGG)	silent
Insulin receptor	M10051	147670	His1068 (CAC-->CAT)	silent
Insulin receptor	M10051	147670	Insertion intron 9,	
Insulin receptor	M10051	147670	Nsil	
Insulin receptor	M10051	147670	Nsil	
Insulin receptor	M10051	147670	Short repeats in	
			intron 2	
Insulin receptor	M10051	147670	Thr789 (ACG-->ACA)	silent
Insulin receptor	M10051	147670		GLY996VAL
Insulin receptor	M10051	147670		GLU672TER
Insulin receptor	M10051	147670		LYS460GLU
Insulin receptor	M10051	147670		Asn461Thr
Insulin receptor	M10051	147670		MET1153ILE
Insulin receptor	M10051	147670		ARG86PRO
Insulin receptor	M10051	147670		TRP1200SER
Insulin receptor	M10051	147670		TRP?SER
Insulin receptor	M10051	147670		ALA1134THR
Insulin receptor	M10051	147670		LYS121TER
Insulin receptor	M10051	147670		ILE119MET
Insulin receptor	M10051	147670		ARG735SER
Insulin receptor	M10051	147670		ARG981GLN
Insulin receptor	M10051	147670		ARG988TER
Insulin receptor	M10051	147670		TRP412SER
Insulin receptor	M10051	147670		ALA1135GLU
Insulin receptor	M10051	147670		ARG1000TER
Insulin receptor	M10051	147670		ASN462SER
Insulin receptor	M10051	147670		CODON 897



Insulin receptor	M10051	147670	nonsense
Insulin receptor	M10051	147670	HIS209ARG
Insulin receptor	M10051	147670	TRP133TER
Insulin receptor	M10051	147670	Asn281del
Insulin receptor	M10051	147670	his252arg
Insulin receptor	M10051	147670	Leu999del
Insulin receptor	M10051	147670	glyc1008val
Insulin receptor	M10051	147670	glu1131arg
Insulin receptor	M10051	147670	Leu193Pro
Insulin receptor	M10051	147670	ser462asp
Insulin receptor	M10051	147670	GLY31ARG
Insulin receptor	M10051	147670	PHE382VAL
Insulin receptor	M10051	147670	LEU233PRO
Insulin receptor	M10051	147670	Arg86ter
Insulin receptor	M10051	147670	Trp1193Leu
Insulin receptor	M10051	147670	Leu1178Pro
Insulin receptor	M10051	147670	ARG1174GLN
Insulin receptor	M10051	147670	VAL985MET
Insulin receptor	M10051	147670	GLY366ARG
Insulin receptor	M10051	147670	VAL28ALA
Insulin receptor	M10051	147670	Asp59Gly
Insulin receptor	M10051	147670	Leu62Pro
Insulin receptor	M10051	147670	ARG372TER
Insulin receptor	M10051	147670	ASN15LYS
Insulin receptor	M10051	147670	ARG1152GLN
Insulin-like growth factor 1 receptor	X04434	147370	none found
Insulin-like growth factor 2	J03242	147470	(CA)n
Insulin-like growth factor 2	J03242	147470	Apal 3'UTR

Insulin-like growth factor 2	J03242	147470	Avall
Insulin-like growth factor 2	J03242	147470	BamHI
Insulin-like growth factor 2	J03242	147470	Eco RI
Insulin-like growth factor 2	J03242	147470	Sst I
Insulin-like growth factor 2	J03242	147470	VNTR upstream
insulin-like growth factor binding protein 1	NM_000596	146730	none found
Insulin-like growth factor1	M29644	147440	(CA)n
Insulin-like growth factor1	M29644	147440	EcoRV
Insulin-like growth factor1	M29644	147440	EX4,5 DEL
Insulin-like growth factor1	M29644	147440	HindIII
Insulin-like growth factor1	M29644	147440	PvuII
interleukin 1 receptor (IL-1R)	M27492	147810	PstI
interleukin 6 receptor (IL-6R) (20)	M20566	147880	dinucleotide (CA)
inward rectifier K channel	D50582		none found
leptin receptor/LEPR	NM_002303	601007	(CTTTA)n
leptin receptor/LEPR	NM_0023	601007	3'-UTR

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leptin receptor/LEPR	03 NM_0023	601007	insertion/deletion CA microsatellite repeat in intron 3, IVS16, G-A, +1
leptin receptor/LEPR	03 NM_0023	601007	
leptin receptor/LEPR	03 NM_0023	601007	K109R
leptin receptor/LEPR	03 NM_0023	601007	K656N
leptin receptor/LEPR	03 NM_0023	601007	Ala976Asp
leptin receptor/LEPR	03 NM_0023	601007	Gln223Arg
leptin receptor/LEPR	03 NM_0023	601007	Lys109Arg
leptin receptor/LEPR	03 NM_0023	601007	Lys656Asn
leptin receptor/LEPR	03 NM_0023	601007	Pro1019Pro
leptin receptor/LEPR	03 NM_0023	601007	Ser343Ser
leptin receptor/LEPR	03 NM_0023	601007	Ser492Thr
leptin receptor/LEPR	03 NM_0023	601007	GLN23ARG
Leukocyte integrin alpha-I	Y00796	153370	none found
Leukocyte integrin alpha-x	M81695	151510	none found
Lipoprotein lipase	M15856	238600	INS
Lipoprotein lipase	M15856	238600	(TTTA)n

Lipoprotein lipase	M15856	238600	-39T-C	
Lipoprotein lipase	M15856	238600	-93T-G	
Lipoprotein lipase	M15856	238600	1-BP DEL	frameshift
Lipoprotein lipase	M15856	238600	1-BP DEL, 221G	frameshift
Lipoprotein lipase	M15856	238600	2-KB DUP	
Lipoprotein lipase	M15856	238600	6-KB DEL	
Lipoprotein lipase	M15856	238600	C-->A -3 intron 6	
Lipoprotein lipase	M15856	238600	C-to-T -480	
Lipoprotein lipase	M15856	238600	C1338-->A	Thr361 Thr
Lipoprotein lipase	M15856	238600	C1595-->G	S447X
Lipoprotein lipase	M15856	238600	G579-->A	V108V
Lipoprotein lipase	M15856	238600	HindIII	
Lipoprotein lipase	M15856	238600	IVS1, G-C, +1	
Lipoprotein lipase	M15856	238600	IVS2DS, G-A	
Lipoprotein lipase	M15856	238600	IVS2DS, G-A, +1	
Lipoprotein lipase	M15856	238600		ALA176THR
Lipoprotein lipase	M15856	238600		GLY188GLU
Lipoprotein lipase	M15856	238600		TRP64TER
Lipoprotein lipase	M15856	238600		ARG75SER
Lipoprotein lipase	M15856	238600		TYR73TER
Lipoprotein lipase	M15856	238600		SER172CYS
Lipoprotein lipase	M15856	238600		TRP382TER
Lipoprotein lipase	M15856	238600		TYR61TER
Lipoprotein lipase	M15856	238600		ASP204GLU
Lipoprotein lipase	M15856	238600		GLY142GLU
Lipoprotein lipase	M15856	238600		GLY195GLU
Lipoprotein lipase	M15856	238600		ILE194THR
Lipoprotein lipase	M15856	238600		ARG243HIS
Lipoprotein lipase	M15856	238600		ASP156GLY
Lipoprotein lipase	M15856	238600		SER447TER
Lipoprotein lipase	M15856	238600		Cys239-->stop

Lipoprotein lipase	M15856	238600	His183-->Gln
Lipoprotein lipase	M15856	238600	ARG243CYS
Lipoprotein lipase	M15856	238600	ASN291SER
Lipoprotein lipase	M15856	238600	E163G
Lipoprotein lipase	M15856	238600	E410K
Lipoprotein lipase	M15856	238600	ASP180GLU
Lipoprotein lipase	M15856	238600	ASP250ASN
Lipoprotein lipase	M15856	238600	Pro157 Arg
Lipoprotein lipase	M15856	238600	Glu118 Glu
Lipoprotein lipase	M15856	238600	Glu421Lys
Lipoprotein lipase	M15856	238600	CYS418TYR
Lipoprotein lipase	M15856	238600	LEU365VAL
Lipoprotein lipase	M15856	238600	ALA334THR
Lipoprotein lipase	M15856	238600	ASP9ASN
Lipoprotein lipase	M15856	238600	ILE225THR
Lipoprotein lipase	M15856	238600	TRP86ARG
Lipoprotein lipase	M15856	238600	SER244THR
Lipoprotein lipase	M15856	238600	GLN106TER
Lipoprotein lipase	M15856	238600	PRO207LEU
Lipoprotein lipase	M15856	238600	Tyr262-->His
MELANOCORTIN 4 RECEPTOR		155541	4-BP DEL NT631
MELANOCORTIN 4 RECEPTOR		155541	4-BP INS, NT732
MELANOCORTIN 4 RECEPTOR		155541	TYR35TER
MELANOCORTIN 4 RECEPTOR		155541	ASP37VAL
MELANOCORTIN 4 RECEPTOR		155541	Thr112Met
MELANOCORTIN 4 RECEPTOR		155541	Ile137Thr

RECEPTOR					
Mineralocorticoid receptor (aldosterone receptor)	M16801	600983	1-BP DEL	frameshift at codon 337	
Mineralocorticoid receptor (aldosterone receptor)	M16801	600983	1-BP DEL	frameshift at codon 459	
Mineralocorticoid receptor (aldosterone receptor)	M16801	600983	760-->G760	Ileu180-- >Val180	
Mineralocorticoid receptor (aldosterone receptor)	M16801	600983	A DEL, +3 intron 5		
Mineralocorticoid receptor (aldosterone receptor)	M16801	600983	C944-->T944	Ala241-- >Val241	
Mineralocorticoid receptor (aldosterone receptor)	M16801	600983		ARG537TER	
natriuretic peptide receptor B/guanylate cyclase B	L13436	108961	none found		
NEUROMEDIN K RECEPTOR	M89473	162332	none found		
Neuropeptide Y receptor Y5	U94320	602001	none found		
Nicotinic, Cholinergic receptor alpha 2	118502	U62431	none found		
Norepinephrine transporter	M65105	163970	none found		
Opioid Receptor,	U17298	165196	none found		

Kappa-1; Oprk1				
Oxytocin receptor	X64878	167055	C to T exon 3	
Oxytocin receptor	X64878	167055	CA repeat	
PAIRED BOX GENE		167413	none found	
4				
Pancreatic lipase (PNLIP) (Dietary supplement)	M93285	246600	C-to-T promoter	
Pancreatic lipase (PNLIP) (Dietary supplement)	M93285	246600		Ser267Phe
Pancreatic lipase (PNLIP) (Dietary supplement)	M93285	246600		Thr383Met
Parathyroid hormone	V00597	168450	DraII	
Parathyroid hormone	V00597	168450	G-C, +1	
Parathyroid hormone	V00597	168450	(AAAT)n intron 1	EX2DEL
Parathyroid hormone	V00597	168450	BstB I	
Parathyroid hormone	V00597	168450	Pst I	
Parathyroid hormone	V00597	168450	Taq I	
Parathyroid hormone	V00597	168450	XmnI	
Peroxidase (thyroid)	Y00406	274500	1-BP INS	CYS18ARG
Peroxidase (thyroid)	Y00406	274500	1-BP INS, 2505C	
Peroxidase (thyroid)	Y00406	274500	20-BP DUP	frameshift
Peroxidase (thyroid)	Y00406	274500	2612 (GTG-->GCG)	Val-->Ala
Peroxidase (thyroid)	Y00406	274500	4-BP INS	frameshift
Peroxidase (thyroid)	Y00406	274500	50 bp repeat in intron 10	
Peroxidase (thyroid)	Y00406	274500	AcyI intron 8	
Peroxidase (thyroid)	Y00406	274500	Eco RI	

Peroxidase (thyroid)	Y00406	274500	ARG648GLN
Peroxidase (thyroid)	Y00406	274500	GLU799LYS
Peroxidase (thyroid)	Y00406	274500	GLY590SER
Peroxidase (thyroid)	Y00406	274500	ILE447PHE
Peroxidase (thyroid)	Y00406	274500	TYR453ASP
Peroxidase (thyroid)	Y00406	274500	ARG540TER
Peroxisome proliferative activated receptor, gamma/PPARG	NM_0050 37	601487	Frameshift 1-BP DEL, 472A
Peroxisome proliferative activated receptor, gamma/PPARG	NM_0050 37	601487	PRO115GLN
Peroxisome proliferative activated receptor, gamma/PPARG	NM_0050 37	601487	ARG288HIS
Peroxisome proliferative activated receptor, gamma/PPARG	NM_0050 37	601487	GLN286PRO
Peroxisome proliferative activated receptor, gamma/PPARG	NM_0050 37	601487	LYS319TER
Peroxisome proliferative activated receptor, gamma/PPARG	NM_0050 37	601487	PRO12ALA
phospholipid transfer	NM_0062	172425	TaqIB

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protein/PLTP	27			
plasma cholesterol	NM_0000	118470	A1503G	
ester transfer	78			
protein/CETP				
plasma cholesterol	NM_0000	118470	G-A splice junction	alternative
ester transfer	78			splice
protein/CETP				
plasma cholesterol	NM_0000	118470	G1696A	
ester transfer	78			
protein/CETP				
plasma cholesterol	NM_0000	118470	C-T transition in	
ester transfer	78		intron 12	
protein/CETP				
plasma cholesterol	NM_0000	118470	EcoNI	
ester transfer	78			
protein/CETP				
plasma cholesterol	NM_0000	118470	G-->A intron 14	
ester transfer	78			
protein/CETP				
plasma cholesterol	NM_0000	118470	G-A transition in	
ester transfer	78		intron 15	
protein/CETP				
plasma cholesterol	NM_0000	118470	G1533A	
ester transfer	78			
protein/CETP				
plasma cholesterol	NM_0000	118470	INS T alternative	
ester transfer	78		(intron/exon14) splice	
protein/CETP				
plasma cholesterol	NM_0000	118470	StuI	
ester transfer	78			
protein/CETP				

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plasma cholesterol ester transfer protein/CETP	NM_0000 78	118470	T-->G tyr57stop
plasma cholesterol ester transfer protein/CETP	NM_0000 78	118470	TagIA
plasma cholesterol ester transfer protein/CETP	NM_0000 78	118470	TagIB in intron 1
plasma cholesterol ester transfer protein/CETP	NM_0000 78	118470	268 Arg-- >STOP
plasma cholesterol ester transfer protein/CETP	NM_0000 78	118470	G181X
plasma cholesterol ester transfer protein/CETP	NM_0000 78	118470	Asp 442 to Gly
plasma cholesterol ester transfer protein/CETP	NM_0000 78	118470	I405V
plasma cholesterol ester transfer protein/CETP	NM_0000 78	118470	Lys309-Stop
plasma cholesterol ester transfer protein/CETP	NM_0000 78	118470	Val421-Ile
plasma cholesterol ester transfer protein/CETP	NM_0000 78	118470	R451Q
plasma cholesterol ester transfer protein/CETP	NM_0000 78	118470	ASP442GLY

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ester transfer protein/CETP	78			
potassium channel beta subunit	U25138	603951	none found	
POTASSIUM CHANNEL INWARDLY RECTIFYING SUBFAMILY J MEMBER 11; KCNJ11		600937		LEU147PRO
Potassium channel Kir3.4	X83582	600734	none found	
PRO-MELANIN- CONCENTRATING HORMONE		176795	none found	
progesterone receptor	M15716	264080	none found	
Prolactin	V00566	176760	Bg/II	
Prolactin receptor	M31661	176761	none found	
protein kinase C beta 1	X06318	176970	none found	
Pyridoxine (Pyridoxal Kinase)	U89606	179020	none found	
RAR related orphan receptor A/RORA	NM_0029 43	600825	none found	
RAR related orphan receptor B/RORB	*****	601972	none found	
RAR related orphan receptor C/RORC	NM_0050 60	602943	none found	
REGUCALCIN		300212	none found	
retinoic acid receptor alpha/RARA	NM_0009 64	180240	7-base deletion frameshift	

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retinoic acid receptor alpha/RARA	NM_0009 64	180240	codon 411 C to T	
retinoic acid receptor alpha/RARA	NM_0009 64	180240		Arg272Gln
retinoic acid receptor alpha/RARA	NM_0009 64	180240		Met297Leu
RETINOIC ACID RECEPTOR BETA-2	X07282	180220	none found	
retinoic acid receptor gamma/RARG	M57707	180190	none found	
Retinoic acid receptor, gamma 1	M38258	180190	none found	
retinoid X receptor alpha/RXRA	NM_0029 57	180245	none found	
retinoid X receptor gamma/RXRG	U38480	180247	none found	
Retinoid X receptor- gamma	U38480	180247	none found	
serotonin 5-HT receptors 5-HT1C, G protein-coupled	U49516	312861	2831T > G in the 3'	
serotonin 5-HT receptors 5-HT1C, G protein-coupled	U49516	312861		CYS23SER
SODIUM-IODIDE SYMPORTER		601843		THR354PRO
SODIUM-IODIDE SYMPORTER		601843		CYS272TER
SODIUM-IODIDE SYMPORTER		601843		GLN267GLU
SODIUM-IODIDE SYMPORTER		601843		TYR531TER

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SYMPORTER				
SODIUM-IODIDE		601843		GLY93ARG
SYMPORTER				
SODIUM-IODIDE		601843		GLY543GLU
SYMPORTER				
Solute carrier family 9 (sodium/hydrogen exchanger), isoform 1 (antiporter, Na <sup>+</sup> /H <sup>+</sup> , amiloride sensitive)	X76180	600228	2-BP DEL	frameshift
Solute carrier family 9 (sodium/hydrogen exchanger), isoform 1 (antiporter, Na <sup>+</sup> /H <sup>+</sup> , amiloride sensitive)	X76180	600228	2-BP DEL	ARG508TER
Somatostatin receptor 1/G protein-coupled	M81829	182451	(CA)n 5'	
Somatostatin receptor 2	M81830	182452		TRP188TER
Somatostatin receptor 3/adenyl cyclase coupled	M96738	182453	none found	
Somatostatin receptor 5	D16827	182455	2 RFLP's promoter	
somatostatin receptor subtype 2	L05521		none found	
Steroid 5 alpha reductase 1	M32313	184753	none found	
STEROID HORMONE	X51416	601998	none found	
RECEPTOR ERRI				
Steroid receptor coactivator (SRC-1)	U40396	602691	none found	

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Sucrase-isomaltase	X63597	222900	GLN1098PRO
Tachykinin NK1 receptor/TACR1	M81797	162323	none found
thyroid stimulating hormone receptor	NM_000369	603372	18-BP DEL, 4-BP frameshift INS
thyroid stimulating hormone receptor	NM_000369	603372	1953-1957 deletion Asp at 619 deleted
thyroid stimulating hormone receptor	NM_000369	603372	2 bases deleted of codon 655
thyroid stimulating hormone receptor	NM_000369	603372	C253A
thyroid stimulating hormone receptor	NM_000369	603372	duplication of nucleotides -346 to -330
thyroid stimulating hormone receptor	NM_000369	603372	G to C +3 intron 6
thyroid stimulating hormone receptor	NM_000369	603372	G-A -4 intron
thyroid stimulating hormone receptor	NM_000369	603372	TaqI
thyroid stimulating hormone receptor	NM_000369	603372	P52T
thyroid stimulating hormone receptor	NM_000369	603372	leu677val
thyroid stimulating hormone receptor	NM_000369	603372	Asn715Asp
thyroid stimulating hormone receptor	NM_000369	603372	Asp219Glu
thyroid stimulating hormone receptor	NM_000369	603372	Asp727Glu
thyroid stimulating hormone receptor	NM_000369	603372	Lys723 Met

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hormone receptor	69		
thyroid stimulating hormone receptor	NM_000369	603372	Phe197Ile
thyroid stimulating hormone receptor	NM_000369	603372	LYS183ARG
thyroid stimulating hormone receptor	NM_000369	603372	ILE167ASN
thyroid stimulating hormone receptor	NM_000369	603372	PRO162ALA
thyroid stimulating hormone receptor	NM_000369	603372	PHE631LEU
thyroid stimulating hormone receptor	NM_000369	603372	CYS672TYR
thyroid stimulating hormone receptor	NM_000369	603372	VAL509ALA
thyroid stimulating hormone receptor	NM_000369	603372	ALA623ILE
thyroid stimulating hormone receptor	NM_000369	603372	ASP619GLY
thyroid stimulating hormone receptor	NM_000369	603372	ALA553THR
thyroid stimulating hormone receptor	NM_000369	603372	SER281ILE
thyroid stimulating hormone receptor	NM_000369	603372	SER281ASN
thyroid stimulating hormone receptor	NM_000369	603372	ASP633HIS
thyroid stimulating hormone receptor	NM_000369	603372	LEU629PHE
thyroid stimulating hormone receptor	NM_000369	603372	SER505ASN

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thyroid stimulating hormone receptor	NM_000369	603372	TRP546TER
thyroid stimulating hormone receptor	NM_000369	603372	MET453THR
thyroid stimulating hormone receptor	NM_000369	603372	ASP36HIS
thyroid stimulating hormone receptor	NM_000369	603372	alanine 623 to valine
thyroid stimulating hormone receptor	NM_000369	603372	asp727glu
thyroid stimulating hormone receptor	NM_000369	603372	CAG
thyroid stimulating hormone receptor	NM_000369	603372	[Glu]227CAT
thyroid stimulating hormone receptor	NM_000369	603372	[His]
thyroid stimulating hormone receptor	NM_000369	603372	GCG
thyroid stimulating hormone receptor	NM_000369	603372	[Ala]460GCA
thyroid stimulating hormone receptor	NM_000369	603372	[Ala]
thyroid stimulating hormone receptor	NM_000369	603372	GGT[Arg]201CAT
thyroid stimulating hormone receptor	NM_000369	603372	AT [His]
thyroid stimulating hormone receptor	NM_000369	603372	ARG109GLN
thyroid stimulating hormone receptor	NM_000369	603372	CYS41SER
thyroid stimulating hormone receptor	NM_000369	603372	ASP410ASN
thyroid stimulating hormone receptor	NM_000369	603372	CYS390TRP
thyroid stimulating hormone receptor	NM_000369	603372	GLN324TER
thyroid stimulating hormone receptor	NM_000369	603372	PHE525LEU
Transferrin receptor	X01060	190010	BclI



(p90, CD71) Transferrin receptor	X01060	190010	RsaI	
(p90, CD71) Transferrin receptor	X01060	190010		Ser142-->Gly
(p90, CD71) transforming growth factor, beta receptor II (70-80kD)/TGFB2	M85079	190182		2-BP INS frameshift
transforming growth factor, beta receptor II (70-80kD)/TGFB2	M85079	190182		a-4t intron 3
transforming growth factor, beta receptor II (70-80kD)/TGFB2	M85079	190182		a7g intron 2
transforming growth factor, beta receptor II (70-80kD)/TGFB2	M85079	190182		ACA to GCA Thr to Ala
transforming growth factor, beta receptor II (70-80kD)/TGFB2	M85079	190182		base in the polyadenine tract of exon 3
transforming growth factor, beta receptor II (70-80kD)/TGFB2	M85079	190182		GG to TT Stop codon
transforming growth factor, beta receptor II (70-80kD)/TGFB2	M85079	190182		THR315MET
transforming growth factor, beta receptor II (70-80kD)/TGFB2	M85079	190182		codon 128
TUBBY, MOUSE, HOMOLOG		601197		none found

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type I 5-iodothyronine deiodinase [human, mRNA, 2222 nt]	S48220	147892	none found
Type V cyclic nucleotide phosphodiesterase	AJ004865	603310	none found
vitamin D receptor/VDR	NM_0003 76	601769	A(T/C)G putative translation start site
vitamin D receptor/VDR	NM_0003 76	601769	Apal
vitamin D receptor/VDR	NM_0003 76	601769	BsmI
vitamin D receptor/VDR	NM_0003 76	601769	FokI
vitamin D receptor/VDR	NM_0003 76	601769	PvuII
vitamin D receptor/VDR	NM_0003 76	601769	TaqI
vitamin D receptor/VDR	NM_0003 76	601769	XbaI
vitamin D receptor/VDR	NM_0003 76	601769	ARG-GLY
vitamin D receptor/VDR	NM_0003 76	601769	GLY30ASP
vitamin D receptor/VDR	NM_0003 76	601769	TYR292TER
vitamin D receptor/VDR	NM_0003 76	601769	ARG77GLN
vitamin D receptor/VDR	NM_0003 76	601769	ARG391CYS

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vitamin D receptor/VDR	NM_0003 76	601769	ILE314SER
vitamin D receptor/VDR	NM_0003 76	601769	ARG271LEU
vitamin D receptor/VDR	NM_0003 76	601769	GLN149TER
vitamin D receptor/VDR	NM_0003 76	601769	ARG30TER
vitamin D receptor/VDR	NM_0003 76	601769	GLY46ASP
vitamin D receptor/VDR	NM_0003 76	601769	codon 352
vitamin D receptor/VDR	NM_0003 76	601769	HIS305GLN
vitamin D receptor/VDR	NM_0003 76	601769	ARG47GLN

Table 23. Identified  
Variances in Genes or  
Related Pathways  
involved in  
Cardiovascular and  
Renal Disease

3beta hydroxysteroid dehydrogenase	M27137	109715	none found
5,10- METHYLENETETRA HYDROFOLATE REDUCTASE	U09806	236250	1027T-G
5,10- REDUCTASE	U09806	236250	1084C-T

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METHYLENETETRA HYDROFOLATE REDUCTASE	U09806	236250	1298A-C	
5,10- METHYLENETETRA HYDROFOLATE REDUCTASE				
METHYLENETETRA HYDROFOLATE REDUCTASE	U09806	236250	1711C-T	
5,10- METHYLENETETRA HYDROFOLATE REDUCTASE				
METHYLENETETRA HYDROFOLATE REDUCTASE	U09806	236250	677C-T	ala --> val
5,10- METHYLENETETRA HYDROFOLATE REDUCTASE				
METHYLENETETRA HYDROFOLATE REDUCTASE	U09806	236250	983A-G	
5,10- METHYLENETETRA HYDROFOLATE REDUCTASE				
METHYLENETETRA HYDROFOLATE REDUCTASE	U09806	236250	exon 7	Ala-->Glu
5,10- METHYLENETETRA HYDROFOLATE REDUCTASE				
METHYLENETETRA HYDROFOLATE REDUCTASE	U09806	236250		A225V
5,10- METHYLENETETRA HYDROFOLATE REDUCTASE				
METHYLENETETRA HYDROFOLATE REDUCTASE	U09806	236250		ARG158GLN

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ARG184TER

U09806 236250

5,10-  
METHYLENETETRA  
HYDROFOLATE  
REDUCTASE

1777C/A

L22214 102775

Adenosine A1  
Receptor; Adora1/G  
protein-coupled

1827C/T

L22214 102775

Adenosine A1  
Receptor; Adora1/G  
protein-coupled

1904C/T

L22214 102775

Adenosine A1  
Receptor; Adora1/G  
protein-coupled

2126G/T

L22214 102775

Adenosine A1  
Receptor; Adora1/G  
protein-coupled

2294insT

L22214 102775

Adenosine A1  
Receptor; Adora1/G  
protein-coupled

267 + 275C/T

L22214 102775

Adenosine A1  
Receptor; Adora1/G  
protein-coupled

2776C/T

L22214 102775

Adenosine A1  
Receptor; Adora1/G  
protein-coupled

2777del36

L22214 102775

Adenosine A1  
Receptor; Adora1/G  
protein-coupled

2819T/G

L22214 102775

Adenosine A1  
Receptor; Adora1/G  
protein-coupled

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Adenosine A1 Receptor; Adora1/G protein-coupled	L22214	102775	805T/G
Adenosine A1 Receptor; Adora1/G protein-coupled	L22214	102775	48T/A
Adenosine A1 Receptor; Adora1/G protein-coupled	L22214	102775	716T/G
Adenosine A2 Receptor; Adora2a/G protein-coupled	X68486	102776	1083C/T
Adenosine A2 Receptor; Adora2a/G protein-coupled	X68486	102776	405C/T
Adenosine A2 Receptor; Adora2a/G protein-coupled	X68486	102776	432C/T
Adenosine A2 Receptor; Adora2a/G protein-coupled	X68486	102776	Gly-340-Ser
Adenosine A2b Receptor; Adora2b/G protein-coupled	X68487	600446	none found
Adenosine A3 Receptor; Adora3/G protein-coupled	L20463	600445	none found
alpha-1b-adrenergic receptor; ADRA1B	L31773	104220	none found
alpha-2a-adrenergic receptor; ADRA2A	M18415	104210	-1291

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alpha-2a-adrenergic receptor; ADRA2A	M18415	104210	DraI	
alpha-2a-adrenergic receptor; ADRA2A	M18415	104210	HhaI	
alpha-2a-adrenergic receptor; ADRA2A	M18415	104210	MspI promoter	
alpha-2b-adrenergic receptor; ADRA2B	AF005900	104260	none found	
alpha-2c-adrenergic receptor; ADRA2C	J03853	104250	(CA) <sub>n</sub>	
androgen receptor	M20132	313700	Hind III	
androgen receptor	M20132	313700	(CAA) <sub>n</sub>	
androgen receptor	M20132	313700	(CAG) <sub>n</sub>	
androgen receptor	M20132	313700	(GGN) <sub>n</sub>	
androgen receptor	M20132	313700	5-KB DEL, EX F, G	
androgen receptor	M20132	313700	5-KB DEL, EX E	
androgen receptor	M20132	313700	C>T within exon B	silent
androgen receptor	M20132	313700	CAG340TAG	Gln>Ter
androgen receptor	M20132	313700	Del T at 3286	frameshift
androgen receptor	M20132	313700	del1893	frameshift
androgen receptor	M20132	313700	G Codon 210 A	
androgen receptor	M20132	313700	G Codon 211 A	
androgen receptor	M20132	313700	G2314A	ala>thr
androgen receptor	M20132	313700	G2677A	glu629arg
androgen receptor	M20132	313700	HhaI	
androgen receptor	M20132	313700	HpaII	
androgen receptor	M20132	313700	Insert of 69 nucleotides	
androgen receptor	M20132	313700	MaeIII	
androgen receptor	M20132	313700	PARTIAL DEL	
androgen receptor	M20132	313700	Stu I	

androgen receptor	M20132	313700	598 or 599 ter
androgen receptor	M20132	313700	ALA721THR
androgen receptor	M20132	313700	ALA771THR
androgen receptor	M20132	313700	ARG607GLN
androgen receptor	M20132	313700	ARG608LYS
androgen receptor	M20132	313700	Arg615His
androgen receptor	M20132	313700	arg726Ieu
androgen receptor	M20132	313700	Arg752Gln
androgen receptor	M20132	313700	ARG772CYS
androgen receptor	M20132	313700	ARG773CYS
androgen receptor	M20132	313700	ARG773HIS
androgen receptor	M20132	313700	ARG839CYS
androgen receptor	M20132	313700	ARG839HIS
androgen receptor	M20132	313700	arg840his
androgen receptor	M20132	313700	ARG846HIS
androgen receptor	M20132	313700	ARG855HIS
androgen receptor	M20132	313700	CYS579PHE
androgen receptor	M20132	313700	G214R
androgen receptor	M20132	313700	GLN60TER
androgen receptor	M20132	313700	Gln798Glu
androgen receptor	M20132	313700	GLN902ARG
androgen receptor	M20132	313700	GLU2LYS
androgen receptor	M20132	313700	gly743val
androgen receptor	M20132	313700	HIS874TYR
androgen receptor	M20132	313700	ILE869MET
androgen receptor	M20132	313700	LEU172TER
androgen receptor	M20132	313700	LEU676PRO
androgen receptor	M20132	313700	LEU707ARG
androgen receptor	M20132	313700	LYS588TER
androgen receptor	M20132	313700	LYS882TER
androgen receptor	M20132	313700	MET780ILE



androgen receptor	M20132	313700	MET786VAL
androgen receptor	M20132	313700	PHE582TYR
androgen receptor	M20132	313700	PRO546SER
androgen receptor	M20132	313700	pro892ser
androgen receptor	M20132	313700	SER647ASN
androgen receptor	M20132	313700	THR877ALA
androgen receptor	M20132	313700	THR877SER
androgen receptor	M20132	313700	TRP717TER
androgen receptor	M20132	313700	TRP794TER
androgen receptor	M20132	313700	TYR761CYS
androgen receptor	M20132	313700	val 581 phe
androgen receptor	M20132	313700	VAL730MET
androgen receptor	M20132	313700	VAL865LEU
androgen receptor	M20132	313700	VAL865MET
androgen receptor	M20132	313700	VAL866MET
angiotensin converting enzyme/dipeptidyl carboxypeptidase	NM_000789	106180	250-bp in/del
angiotensin converting enzyme/dipeptidyl carboxypeptidase	NM_000789	106180	3 in the 3' UTR
angiotensin converting enzyme/dipeptidyl carboxypeptidase	NM_000789	106180	5 in the 5' region
angiotensin converting enzyme/dipeptidyl carboxypeptidase	NM_000789	106180	Pst I RFLP
angiotensin receptor 1/AGTR1A	M87290	106165	1166A-C
Anticoagulant Protein C (inactivator of	X02750	176860	-1641 A/G

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coagulation factors Va and VIIIa)					
Anticoagulant Protein C (inactivator of coagulation factors Va and VIIIa)	X02750	176860	(6376 G/T) in intron 7		
Anticoagulant Protein C (inactivator of coagulation factors Va and VIIIa)	X02750	176860	-1654 C/T		
Anticoagulant Protein C (inactivator of coagulation factors Va and VIIIa)	X02750	176860	1-BP DEL 42AA	frameshift	
Anticoagulant Protein C (inactivator of coagulation factors Va and VIIIa)	X02750	176860	1432 C-->T		
Anticoagulant Protein C (inactivator of coagulation factors Va and VIIIa)	X02750	176860	2-BP INS, TT, NT6139		
Anticoagulant Protein C (inactivator of coagulation factors Va and VIIIa)	X02750	176860	3350insA		
Anticoagulant Protein C (inactivator of coagulation factors Va and VIIIa)	X02750	176860	3351del4		
Anticoagulant Protein C (inactivator of coagulation factors Va and VIIIa)	X02750	176860	40 T-->G		

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C (inactivator of coagulation factors Va and VIIIa)				
Anticoagulant Protein C (inactivator of coagulation factors Va and VIIIa)	X02750	176860	5-bp deletion nucleotides 3455 to 3459	
Anticoagulant Protein C (inactivator of coagulation factors Va and VIIIa)	X02750	176860	6128 T-->C	
Anticoagulant Protein C (inactivator of coagulation factors Va and VIIIa)	X02750	176860	6216 C-->T	
Anticoagulant Protein C (inactivator of coagulation factors Va and VIIIa)	X02750	176860	6246 G-->A	
Anticoagulant Protein C (inactivator of coagulation factors Va and VIIIa)	X02750	176860	7253 C-->T	
Anticoagulant Protein C (inactivator of coagulation factors Va and VIIIa)	X02750	176860	8589 G-->A	
Anticoagulant Protein C (inactivator of coagulation factors Va and VIIIa)	X02750	176860	8631 C-->T	

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Anticoagulant Protein C (inactivator of coagulation factors Va and VIIIa)	X02750	176860	A/G at -641	
Anticoagulant Protein C (inactivator of coagulation factors Va and VIIIa)	X02750	176860	A/T at -1476	
Anticoagulant Protein C (inactivator of coagulation factors Va and VIIIa)	X02750	176860	A/T at -476	
Anticoagulant Protein C (inactivator of coagulation factors Va and VIIIa)	X02750	176860	C insertion: CAT-->CCAT	
Anticoagulant Protein C (inactivator of coagulation factors Va and VIIIa)	X02750	176860	C/T at -654	
Anticoagulant Protein C (inactivator of coagulation factors Va and VIIIa)	X02750	176860	CCT to CCC	Pro-21Pro
Anticoagulant Protein C (inactivator of coagulation factors Va and VIIIa)	X02750	176860	deletion of 5 nucleotides (nt) (CCCCG) in the end of exon VI	G3079A
Anticoagulant Protein C (inactivator of coagulation factors Va and VIIIa)	X02750	176860		

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Anticoagulant Protein C (inactivator of coagulation factors Va and VIIIa)	X02750	176860	G88S7 deletion	
Anticoagulant Protein C (inactivator of coagulation factors Va and VIIIa)	X02750	176860	IVS G, C-T, +9	
Anticoagulant Protein C (inactivator of coagulation factors Va and VIIIa)	X02750	176860	MspI	
Anticoagulant Protein C (inactivator of coagulation factors Va and VIIIa)	X02750	176860	T-C, -14	
Anticoagulant Protein C (inactivator of coagulation factors Va and VIIIa)	X02750	176860		230 Arg-Lys
Anticoagulant Protein C (inactivator of coagulation factors Va and VIIIa)	X02750	176860		254 Thr-Ile
Anticoagulant Protein C (inactivator of coagulation factors Va and VIIIa)	X02750	176860		325 Val-Ala
Anticoagulant Protein C (inactivator of coagulation factors Va and VIIIa)	X02750	176860		359 Asp-Asn

coagulation factors Va and VIIIa)				
Anticoagulant Protein C (inactivator of coagulation factors Va and VIIIa)	X02750	176860	364 Met-Trp, 378 Stop	
Anticoagulant Protein C (inactivator of coagulation factors Va and VIIIa)	X02750	176860	Ala136-->Pro	
Anticoagulant Protein C (inactivator of coagulation factors Va and VIIIa)	X02750	176860	ALA259VAL	
Anticoagulant Protein C (inactivator of coagulation factors Va and VIIIa)	X02750	176860	ALA267THR	
Anticoagulant Protein C (inactivator of coagulation factors Va and VIIIa)	X02750	176860	Arg 157-Stop	
Anticoagulant Protein C (inactivator of coagulation factors Va and VIIIa)	X02750	176860	ARG12TRP	
Anticoagulant Protein C (inactivator of coagulation factors Va and VIIIa)	X02750	176860	ARG169TRP	
Anticoagulant Protein C (inactivator of coagulation factors Va and VIIIa)	X02750	176860	ARG178GLN	

SCHAL 3	Phase I			skin disease; cancer; psoriasis
Sdi 1 mimetics, SENNES	Discontinued			cancer
SDK 110	Preclinical	3-[[3-(trimethylsilyl)propyl thio]-1-propanamine		cancer
SDZ MKT 077; MKT 077; FJ 776	Phase I	1-ethyl-2-[[3-ethyl-5-(3-methyl-2(3H)-benzothiazolylidene)-4-oxo-2-thiazolidinylidene]methyl]pyridinium chloride		cancer
SE 12363	Preclinical			cancer
selenium thiosemicarbazone; NEOSTAT	Preclinical			cancer
SF 2698	Preclinical	(6S)-iminoazacyclohexa-3-ene-6-carboxylic acid		cancer
sialyl transferase inhibitor, Biota	Preclinical			cancer
SJ 3249	Preclinical	4-(3,5-dimethylphenyl)-N-(2-methoxy-5,6-dimethyl-3-pyridinyl)-1-piperazinecarboxamide		cancer
sodium phenylacetate; EL 530	Phase III	sodium phenylacetate		cancer

spirodiam 3; diam 3; PE 1001	Discontinued	2,2,4,4-tetrakis(1-aziridinyl)-2,2,4,4-tetrahydro-1,3,5,7,11-pentaaza-2,4,6.lambda.5-triphosphaspiro[5.5]undeca-1,3,5-triene	cancer
spongistatin 1	Discontinued		cancer
SR 26050	Discontinued	(1-(3-diethylaminopropylamino))-9-hydroxyellipticine dihydrochloride	cancer
SR 271425	Phase I		cancer
SR 45023a; SR 45023	Phase I	[2-[3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl]ethylidene]bis-phosphonic acid tetrakis(1-methylethyl) ester	cancer
ST 30	Preclinical	(E)-4-[2-(3,4-diisopropylphenyl)-1-propenyl]benzoic acid	cancer
ST 40	Preclinical	(E)-4-[2-(3-tert-butylphenyl)ethenyl]benzoic acid	cancer



C (inactivator of coagulation factors Va and VIIIa)				
Anticoagulant Protein C (inactivator of coagulation factors Va and VIIIa)	X02750	176860	ARG178TRP	
Anticoagulant Protein C (inactivator of coagulation factors Va and VIIIa)	X02750	176860	ARG230CYS	
Anticoagulant Protein C (inactivator of coagulation factors Va and VIIIa)	X02750	176860	Arg286His	
Anticoagulant Protein C (inactivator of coagulation factors Va and VIIIa)	X02750	176860	ARG306TER	
Anticoagulant Protein C (inactivator of coagulation factors Va and VIIIa)	X02750	176860	arg352try	
Anticoagulant Protein C (inactivator of coagulation factors Va and VIIIa)	X02750	176860	Asn102-->Lys	
Anticoagulant Protein C (inactivator of coagulation factors Va and VIIIa)	X02750	176860	Asn329-->Thr	

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Anticoagulant Protein C (inactivator of coagulation factors Va and VIIIa)	X02750	176860	Asp359Asn
Anticoagulant Protein C (inactivator of coagulation factors Va and VIIIa)	X02750	176860	Asp359Asn
Anticoagulant Protein C (inactivator of coagulation factors Va and VIIIa)	X02750	176860	Cys-331 to Arg
Anticoagulant Protein C (inactivator of coagulation factors Va and VIIIa)	X02750	176860	Cys78-->Stop
Anticoagulant Protein C (inactivator of coagulation factors Va and VIIIa)	X02750	176860	GLN184HIS
Anticoagulant Protein C (inactivator of coagulation factors Va and VIIIa)	X02750	176860	GLU20ALA
Anticoagulant Protein C (inactivator of coagulation factors Va and VIIIa)	X02750	176860	Gly-376 Asp
Anticoagulant Protein C (inactivator of coagulation factors Va and VIIIa)	X02750	176860	Gly282Ser

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and VIIIa) Anticoagulant Protein C (inactivator of coagulation factors Va and VIIIa)	X02750	176860	GLY292SER
Anticoagulant Protein C (inactivator of coagulation factors Va and VIIIa)	X02750	176860	GLY301SER
Anticoagulant Protein C (inactivator of coagulation factors Va and VIIIa)	X02750	176860	Gly350Arg
Anticoagulant Protein C (inactivator of coagulation factors Va and VIIIa)	X02750	176860	HIS107PRO
Anticoagulant Protein C (inactivator of coagulation factors Va and VIIIa)	X02750	176860	ILE403MET
Anticoagulant Protein C (inactivator of coagulation factors Va and VIIIa)	X02750	176860	LEU223PHE
Anticoagulant Protein C (inactivator of coagulation factors Va and VIIIa)	X02750	176860	Lys150 deletion
Anticoagulant Protein C (inactivator of	X02750	176860	Met365Ile

coagulation factors Va and VIIIa)					
Anticoagulant Protein C (inactivator of coagulation factors Va and VIIIa)	X02750	176860		Phe139Val	
Anticoagulant Protein C (inactivator of coagulation factors Va and VIIIa)	X02750	176860		PRO168LEU	
Anticoagulant Protein C (inactivator of coagulation factors Va and VIIIa)	X02750	176860		PRO247LEU	
Anticoagulant Protein C (inactivator of coagulation factors Va and VIIIa)	X02750	176860		Pro279Leu	
Anticoagulant Protein C (inactivator of coagulation factors Va and VIIIa)	X02750	176860		Pro327Leu	
Anticoagulant Protein C (inactivator of coagulation factors Va and VIIIa)	X02750	176860		Q132X	
Anticoagulant Protein C (inactivator of coagulation factors Va and VIIIa)	X02750	176860		Ser270Pro	
Anticoagulant Protein C (inactivator of coagulation factors Va and VIIIa)	X02750	176860		Thr298-->Met	

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C (inactivator of coagulation factors Va and VIIIa)				
Anticoagulant Protein C (inactivator of coagulation factors Va and VIIIa)	X02750	176860	TRP402CYS	
Anticoagulant Protein C (inactivator of coagulation factors Va and VIIIa)	X02750	176860	Tyr399His	
Anticoagulant Protein C (inactivator of coagulation factors Va and VIIIa)	X02750	176860	VAL297MET	
Anticoagulant Protein C (inactivator of coagulation factors Va and VIIIa)	X02750	176860	VAL34MET	
Anticoagulant Protein C (inactivator of coagulation factors Va and VIIIa)	X02750	176860	Y124C	
Anticoagulant protein S	Y00692	176880	G to T at codon Cys598	
Anticoagulant protein S	Y00692	176880	IVS11, A-G, -9	
Anticoagulant protein S	Y00692	176880	+1 G to A in intron d	
Anticoagulant protein S	Y00692	176880	+3 A to C in intron j	

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Anticoagulant protein S	Y00692	176880	1 nt (T) insertion at codon 265 delete T 635	
Anticoagulant protein S	Y00692	176880		
Anticoagulant protein S	Y00692	176880	G to A at codon Trp465	
Anticoagulant protein S	Y00692	176880	IVS10, G-A, +5	
Anticoagulant protein S	Y00692	176880		Arg410 (CGA)- ->Stop
Anticoagulant protein S	Y00692	176880		Lys368stop
Anticoagulant protein S	Y00692	176880		Ala 484-->Pro
Anticoagulant protein S	Y00692	176880		Arg506-->Gln
Anticoagulant protein S	Y00692	176880		ARG520GLY
Anticoagulant protein S	Y00692	176880		ASN217SER
Anticoagulant protein S	Y00692	176880		Cys145Tyr
Anticoagulant protein S	Y00692	176880		Cys200Ser
Anticoagulant protein S	Y00692	176880		Cys408Ser
Anticoagulant protein S	Y00692	176880		Cys625Arg
Anticoagulant protein S	Y00692	176880		GLN238TER
Anticoagulant protein S	Y00692	176880		Glu26Ala

Anticoagulant protein S	Y00692	176880	Gly340Asp
Anticoagulant protein S	Y00692	176880	Gly54Glu
Anticoagulant protein S	Y00692	176880	LYS155GLU
Anticoagulant protein S	Y00692	176880	Lys155Glu
Anticoagulant protein S	Y00692	176880	Lys9Glu
Anticoagulant protein S	Y00692	176880	Ser283Pro
Anticoagulant protein S	Y00692	176880	SER406PRO
Anticoagulant protein S	Y00692	176880	Ser460Pro
Anticoagulant protein S	Y00692	176880	TER636TYR, 649TER
Anticoagulant protein S	Y00692	176880	Tyr595stop
Apolipoprotein B (including Ag(x) antigen)	J02610	107730	C2316-->A Val703-->Ile
Apolipoprotein B (including Ag(x) antigen)	J02610	107730	(TG)n
Apolipoprotein B (including Ag(x) antigen)	J02610	107730	1-BP DEL frameshift
Apolipoprotein B (including Ag(x) antigen)	J02610	107730	1-BP DEL

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(including Ag(x) antigen)	J02610	107730	1-BP DEL, FS1425TER
Apolipoprotein B (including Ag(x) antigen)			
Apolipoprotein B (including Ag(x) antigen)	J02610	107730	3'-VNTR
Apolipoprotein B (including Ag(x) antigen)			
Apolipoprotein B (including Ag(x) antigen)	J02610	107730	A----G second intron +722
Apolipoprotein B (including Ag(x) antigen)			
Apolipoprotein B (including Ag(x) antigen)	J02610	107730	ApaLI
Apolipoprotein B (including Ag(x) antigen)			
Apolipoprotein B (including Ag(x) antigen)	J02610	107730	Avall
Apolipoprotein B (including Ag(x) antigen)			
Apolipoprotein B (including Ag(x) antigen)	J02610	107730	Ball
Apolipoprotein B (including Ag(x) antigen)			
Apolipoprotein B (including Ag(x) antigen)	J02610	107730	C to T -516
Apolipoprotein B (including Ag(x) antigen)			
Apolipoprotein B (including Ag(x) antigen)	J02610	107730	C-->T change at nucleotide 7064,
Apolipoprotein B (including Ag(x) antigen)			
Apolipoprotein B (including Ag(x) antigen)	J02610	107730	CTT3517-->CTG
Apolipoprotein B (including Ag(x) antigen)			
Apolipoprotein B (including Ag(x) antigen)	J02610	107730	EcoRI
Apolipoprotein B (including Ag(x) antigen)			



antigen) Apolipoprotein B (including Ag(x) antigen)	J02610	107730	EX21DEL
Apolipoprotein B (including Ag(x) antigen)	J02610	107730	GCC3527-->GCT
Apolipoprotein B (including Ag(x) antigen)	J02610	107730	HincII
Apolipoprotein B (including Ag(x) antigen)	J02610	107730	INS AND DEL
Apolipoprotein B (including Ag(x) antigen)	J02610	107730	Ins/Del
Apolipoprotein B (including Ag(x) antigen)	J02610	107730	intron 20 Alu repeat
Apolipoprotein B (including Ag(x) antigen)	J02610	107730	MspI
Apolipoprotein B (including Ag(x) antigen)	J02610	107730	PvuII
Apolipoprotein B (including Ag(x) antigen)	J02610	107730	StyI second intron
Apolipoprotein B (including Ag(x) antigen)	J02610	107730	T-to-C 1981

Apolipoprotein B (including Ag(x) antigen)	J02610	107730	XbaI	
Apolipoprotein B (including Ag(x) antigen)	J02610	107730		A3371V
Apolipoprotein B (including Ag(x) antigen)	J02610	107730		Arg----Glu3611
Apolipoprotein B (including Ag(x) antigen)	J02610	107730		ARG1306TER
Apolipoprotein B (including Ag(x) antigen)	J02610	107730		ARG2058TER
Apolipoprotein B (including Ag(x) antigen)	J02610	107730		ARG2495TER
Apolipoprotein B (including Ag(x) antigen)	J02610	107730		ARG3500GLN
Apolipoprotein B (including Ag(x) antigen)	J02610	107730		ARG3531CYS
Apolipoprotein B (including Ag(x) antigen)	J02610	107730		ASN1728THR
Apolipoprotein B (including Ag(x) antigen)	J02610	107730		Asn4311----Ser
Apolipoprotein B (including Ag(x) antigen)	J02610	107730		Cys646-->Tyr

(including Ag(x) antigen)	J02610	107730	Gln 3405 Glu
Apolipoprotein B (including Ag(x) antigen)	J02610	107730	GLN1450TER
Apolipoprotein B (including Ag(x) antigen)	J02610	107730	GLN2252TER
Apolipoprotein B (including Ag(x) antigen)	J02610	107730	Glu207-->Lys
Apolipoprotein B (including Ag(x) antigen)	J02610	107730	GLU4034ARG
Apolipoprotein B (including Ag(x) antigen)	J02610	107730	Glu4154
Apolipoprotein B (including Ag(x) antigen)	J02610	107730	Leu 3350 Leu
Apolipoprotein B (including Ag(x) antigen)	J02610	107730	Leu-Ala-Leu signal peptide (SP) insertion/deletion
Apolipoprotein B (including Ag(x) antigen)	J02610	107730	LEU3041TER <sup>n</sup>

Apolipoprotein B (including Ag(x) antigen)	J02610	107730	Q3405E
Apolipoprotein B (including Ag(x) antigen)	J02610	107730	Ser 3252 Gl
Apolipoprotein B (including Ag(x) antigen)	J02610	107730	Ser 3455 Arg
Apolipoprotein B (including Ag(x) antigen)	J02610	107730	SER1729TER
Apolipoprotein B (including Ag(x) antigen)	J02610	107730	Thr71-->Ile
Apolipoprotein B (including Ag(x) antigen)	J02610	107730	Trp66-->Gly
Apolipoprotein B (including Ag(x) antigen)	J02610	107730	Val 3396 Met
Apolipoprotein B (including Ag(x) antigen)	J02610	107730	VAL1829CYS
Apolipoprotein B (including Ag(x) antigen)	J02610	107730	Val591-->Ala
apolipoprotein E/APOE	NM_000041	107741	7 AA insertion; tandem repeat of residues 121-127 A178G Threonine42Ala
apolipoprotein	NM_0000	107741	

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E/APOE apolipoprotein E/APOE	NM_0000 41	107741	nine A490C Lysine146Gluta mine
apolipoprotein E/APOE	NM_0000 41	107741	A490G Lysine146Gluta mic Acid
apolipoprotein E/APOE	NM_0000 41	107741	A940C Serine296Argini ne
apolipoprotein E/APOE	NM_0000 41	107741	Aintron3G substitution creates 2 abnormally spliced mRNA forms
apolipoprotein E/APOE	NM_0000 41	107741	C305G Proline84Argini ne
apolipoprotein E/APOE	NM_0000 41	107741	C460A Arginine136Seri ne
apolipoprotein E/APOE	NM_0000 41	107741	C478T Arg142142Cys1 42
apolipoprotein E/APOE	NM_0000 41	107741	C487T Arginine145Cys teine
apolipoprotein E/APOE	NM_0000 41	107741	C526T Arginine158Cys teine
apolipoprotein E/APOE	NM_0000 41	107741	C736T Arginine228Cys teine
apolipoprotein E/APOE	NM_0000 41	107741	C805G Arg251251Gly2 51
apolipoprotein E/APOE	NM_0000 41	107741	G144deletion Leucine60Termi nation Codon (frameshift)
apolipoprotein E/APOE	NM_0000 41	107741	G349A Ala9999Thr99

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apolipoprotein E/APOE	NM_0000 41	107741	G434A Gly127127Asp1 27
apolipoprotein E/APOE	NM_0000 41	107741	G455A Arginine134Glu tamine
apolipoprotein E/APOE	NM_0000 41	107741	G488A Arginine145His tidine
apolipoprotein E/APOE	NM_0000 41	107741	G568C Ala152Proline
apolipoprotein E/APOE	NM_0000 41	107741	G61A Glutamic Acid13Lysine
apolipoprotein E/APOE	NM_0000 41	107741	G683A Tryptophan210 Termination Codon
apolipoprotein E/APOE	NM_0000 41	107741	G725A Arg224224Gln2 24
apolipoprotein E/APOE	NM_0000 41	107741	G875A Arginine274His tidine
apolipoprotein E/APOE	NM_0000 41	107741	G91A Glutamic Acid13Lysine
apolipoprotein E/APOE	NM_0000 41	107741	GAG-GAG844- Glu244/Glu245 849AAG-AAG 244- 245Lys244/Lys 245
apolipoprotein E/APOE	NM_0000 41	107741	T137C Leucine28Prolin e
apolipoprotein E/APOE	NM_0000 41	107741	T388C Cysteine112Arg inine
apolipoprotein E/APOE	NM_0000 41	107741	T761A Valine236Gluta mic Acid
APOLIPOPROTEIN(a ) ; LPA		152200	-773G, +93T, +121G

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APOLIPOPROTEIN(a); LPA	152200	C/T(+93)	
APOLIPOPROTEIN(a); LPA	152200	-773A, +93C, +121A	
APOLIPOPROTEIN(a); LPA	152200	C/T at -49	
APOLIPOPROTEIN(a); LPA	152200	G/A at -21	
APOLIPOPROTEIN(a); LPA	152200	G/A at -914	
APOLIPOPROTEIN(a); LPA	152200	IVS K4 TYPE 8 DS, G-A, +1	
APOLIPOPROTEIN(a); LPA	152200	TTTTA repeat	
APOLIPOPROTEIN(a); LPA	152200		Met-->Thr 66
APOLIPOPROTEIN(a); LPA	152200		Met/Thr 4168
APOLIPOPROTEIN(a); LPA	152200		Thr12-->Pro
arachidonate 5-lipoxygenase-activating protein/FLAP/ALOX5 AP	NM_001629	603700	none found
Arginine Vasopressin Receptor 1B/AVPR1B	AF030512	600264	none found
Arginine vasopressin receptor 2	AF030626	304800	1-BP DEL
Arginine vasopressin receptor 2	AF030626	304800	1-BP DEL, 102G

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Arginine vasopressin receptor 2	AF030626	304800	1-BP INS frameshift
Arginine vasopressin receptor 2	AF030626	304800	1-BP INS 804 frameshift
Arginine vasopressin receptor 2	AF030626	304800	15delC
Arginine vasopressin receptor 2	AF030626	304800	28-bp del
Arginine vasopressin receptor 2	AF030626	304800	786delG frameshift
Arginine vasopressin receptor 2	AF030626	304800	CpG dinucleotides
Arginine vasopressin receptor 2	AF030626	304800	ALA132ASP
Arginine vasopressin receptor 2	AF030626	304800	ARG181CYS
Arginine vasopressin receptor 2	AF030626	304800	ARG113TRP
Arginine vasopressin receptor 2	AF030626	304800	ARG203CYS
Arginine vasopressin receptor 2	AF030626	304800	ARG337TER
Arginine vasopressin receptor 2	AF030626	304800	ASP85ASN
Arginine vasopressin receptor 2	AF030626	304800	G107E
Arginine vasopressin receptor 2	AF030626	304800	GLY185CYS
Arginine vasopressin receptor 2	AF030626	304800	GLY201ASP
Arginine vasopressin	AF030626	304800	L43P



receptor 2						
Arginine vasopressin receptor 2	AF030626	304800	P322H			
Arginine vasopressin receptor 2	AF030626	304800	P322S			
Arginine vasopressin receptor 2	AF030626	304800	R137H			
Arginine vasopressin receptor 2	AF030626	304800	TRP71TER			
Arginine vasopressin receptor 2	AF030626	304800	TYR205CYS			
Arginine vasopressin receptor 2	AF030626	304800	TYR280CYS			
Arginine vasopressin receptor 2	AF030626	304800	W193X			
ATPase, Ca++ transporting, cardiac muscle, fast twitch 1	U96781	108730	437C DEL			
ATPase, Ca++ transporting, cardiac muscle, fast twitch 1	U96781	108730	IVS3DS G-C,-2			
ATPase, Ca++ transporting, cardiac muscle, fast twitch 1	U96781	108730	ARG198TER			
ATPase, Ca++ transporting, cardiac muscle, fast twitch 1	U96781	108730	CYS675TER			
beta-1-adrenergic receptor; Adrb1	J03019	109630	Bgl I.			
beta-1-adrenergic receptor; Adrb1	J03019	109630	C1165G ARG389GLY			

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Beta-2-Adrenergic Receptor; Adrb2	M15169	109690	Fnu4HI	
Beta-2-Adrenergic Receptor; Adrb2	M15169	109690	A-->G -1343	
Beta-2-Adrenergic Receptor; Adrb2	M15169	109690	C-->G -468	
Beta-2-Adrenergic Receptor; Adrb2	M15169	109690	G-->A -1023	
Beta-2-Adrenergic Receptor; Adrb2	M15169	109690	G-->A -654	
Beta-2-Adrenergic Receptor; Adrb2	M15169	109690	T-->A -1429	
Beta-2-Adrenergic Receptor; Adrb2	M15169	109690	T-->C -20	
Beta-2-Adrenergic Receptor; Adrb2	M15169	109690	T-->C -367	
Beta-2-Adrenergic Receptor; Adrb2	M15169	109690	T-->C -47	
Beta-2-Adrenergic Receptor; Adrb2	M15169	109690		ARG16GLY
Beta-2-Adrenergic Receptor; Adrb2	M15169	109690		GLN27GLU
Beta-2-Adrenergic Receptor; Adrb2	M15169	109690		Thr164Ile
Beta-2-Adrenergic Receptor; Adrb2	M15169	109690		val 34 met
Beta-Adrenergic Receptor Kinase 2; Adrbk2	X69117	109636	none found	
beta-adrenergic receptor kinase	NM_001619	109635	none found	

1/BARK1					
bradykinin receptor	NM_0007	600337	9-base pair deletion		
B1/BDKRB1 G	10				
protein-coupled					
bradykinin receptor	NM_0007	600337	A1098-->G		
B1/BDKRB1 G	10				
protein-coupled					
bradykinin receptor	NM_0007	600337	C181-->T		
B1/BDKRB1 G	10				
protein-coupled					
bradykinin receptor	NM_0007	600337	G-699-->C		
B1/BDKRB1 G	10				
protein-coupled					
bradykinin receptor	NM_0006	113503	-143C/T		
B2/BDKRB2 G	23				
protein-coupled					
bradykinin receptor	NM_0006	113503	-412C/G		
B2/BDKRB2 G	23				
protein-coupled					
bradykinin receptor	NM_0006	113503	-536C/T		
B2/BDKRB2 G	23				
protein-coupled					
bradykinin receptor	NM_0006	113503	-640T/C		
B2/BDKRB2 G	23				
protein-coupled					
bradykinin receptor	NM_0006	113503	-649insG		
B2/BDKRB2 G	23				
protein-coupled					
bradykinin receptor	NM_0006	113503	-704C/T		
B2/BDKRB2 G	23				
protein-coupled					

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bradykinin receptor B2/BDKRB2 G	NM_0006 23	113503	-78C/T	
protein-coupled				
bradykinin receptor B2/BDKRB2 G	NM_0006 23	113503	-845C/T	
protein-coupled				
bradykinin receptor B2/BDKRB2 G	NM_0006 23	113503	9 bp de (-)21-29	
protein-coupled				
bradykinin receptor B2/BDKRB2 G	NM_0006 23	113503	C>T promoter 54	
protein-coupled				
bradykinin receptor B2/BDKRB2 G	NM_0006 23	113503	repeat 3'UTR	
protein-coupled				
bradykinin receptor B2/BDKRB2 G	NM_0006 23	113503	tandem repeat near promoter	
protein-coupled				R14C
bradykinin receptor B2/BDKRB2 G	NM_0006 23	113503		
protein-coupled				
bradykinin receptor B2/BDKRB2 G	NM_0006 23	113503		T21M
protein-coupled				
Ca2+-dependent phospholipase A2	U03090	601192	none found	
Carbonic anhydrase II	J03037	259730	BstNI	
Carbonic anhydrase II	J03037	259730	gt-->tt splice donor site at the 5' end of intron 6	
Carbonic anhydrase II	J03037	259730	IVS2, G-A, +1	

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Carbonic anhydrase II	J03037	259730	IVS5, G-C, -1	TYR40TER
Carbonic anhydrase II	J03037	259730	TAQI	ASN252ASP
Carbonic anhydrase II	J03037	259730		HIS107TYR
Carbonic anhydrase II	J03037	259730		Ile31Val
Carbonic anhydrase II	J03037	259730		LYS17GLU
Carbonic anhydrase II	J03037	259730		PRO237HIS
Carbonic anhydrase IV	M83670	114760	none found	
Chloride channel 5	X91906	300008	1-BP DEL, 2085C	
Chloride channel 5	X91906	300008	tgcaag --> tgaag	
Chloride channel 5	X91906	300008		Arg704Stop
Chloride channel 5	X91906	300008		GLY57VAL
Chloride channel 5	X91906	300008		ARG280PRO
Chloride channel 5	X91906	300008		Arg34Stop
Chloride channel 5	X91906	300008		ARG648TER
Chloride channel 5	X91906	300008		ARG704TER
Chloride channel 5	X91906	300008		GLY506GLU
Chloride channel 5	X91906	300008		LEU200ARG
Chloride channel 5	X91906	300008		SER244LEU
Chloride channel 5	X91906	300008		SER520PRO
Chloride channel 5	X91906	300008		TRP279TER
Chloride channel 5	X91906	300008		TRP343TER
Chloride channel 5	L13605	118444		GLY21ARG
Cholecystokin A receptor/CCKAR	L13605	118444		VAL365ILE
Cholecystokin B receptor/CCKBR	L08112	118445	1550 G-->A Val125-->Ile	
Cholecystokin B receptor/CCKBR	L08112	118445	CAT 207 CAC His207His	

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Cholecystokinin B receptor/CCKBR	L08112	118445	Arg215His
Cholecystokinin B receptor/CCKBR	L08112	118445	Val138Met
CHOLINERGIC RECEPTOR, NICOTINIC, ALPHA POLYPEPTIDE 1; CHRNA1	100690		Hae III
CHOLINERGIC RECEPTOR, NICOTINIC, ALPHA POLYPEPTIDE 1; CHRNA1	100690		ASN217LYS
CHOLINERGIC RECEPTOR, NICOTINIC, ALPHA POLYPEPTIDE 1; CHRNA1	100690		GLY153SER
CHOLINERGIC RECEPTOR, NICOTINIC, ALPHA POLYPEPTIDE 1; CHRNA1	100690		SER269ILE
CHOLINERGIC RECEPTOR, NICOTINIC, ALPHA POLYPEPTIDE 1; CHRNA1	100690		THR254ILE
CHOLINERGIC RECEPTOR,	100690		VAL156MET

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NICOTINIC, ALPHA POLYPEPTIDE 1; CHRNA1				
CHYMASE 1; CMA1	118938		none found	
Complement C1S component precursor (C1 esterase)	120580	J04080	4-BP DEL	
Copper Transport Protein HAH1	602270	U70660	none found	
CPLA2-GAMMA	603602		none found	
Cytochrome P450, subfamily XIA (cholesterol side chain cleavage)	118485	M14565	5' UTR pentanucleotide repeat	
dopamine beta hydroxylase	223360	Y00096		
Dopamine Receptor D1	126449	X58987	C/T Isoleucine49	
Dopamine Receptor D2	126450	X51362	141 C ins/del	
Dopamine Receptor D2	126450	X51362	A241G	
Dopamine Receptor D2	126450	X51362	NcoI RFLP	
Dopamine Receptor D2	126450	X51362	TaqI A, TaqI B, TaqI D, and (CA)n STRP	
Dopamine Receptor D2	126450	X51362	Serine 311Cysteine	
Endopeptidase	120520	X07166	none found	
Endothelin 1	131240	Y00749	A at position 138	5'UTR
Endothelin 1	131240	Y00749	C at position 121	5'UTR
Endothelin 1	131240	Y00749	Dinucleotide repeat	
Endothelin 1	131240	Y00749		Lys198Asn
Endothelin 2	131241	M65199	A985G	3'UTR

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Endothelin 3	X52001	131242	1-BP INS	ALA17THR
Endothelin 3	X52001	131242	1-BP INS, 262G	ALA224THR
Endothelin 3	X52001	131242	262GC-T	CYS159PHE
Endothelin 3	X52001	131242		ARG742CYS
Endothelin 3	X52001	131242		
Endothelin Converting Enzyme 1	Z35307	600423		
Endothelin Receptor Type A	D90348	131243	none found	
Endothelin Receptor Type B	L06623	131244	1-BP INS, 878T	
Endothelin Receptor Type B	L06623	131244		ALA183GLY
Endothelin Receptor Type B	L06623	131244		GLY57SER
Endothelin Receptor Type B	L06623	131244		SER305ASN
Endothelin Receptor Type B	L06623	131244		TRP275TER
Endothelin Receptor Type B	L06623	131244		TRP276CYS
eosinophil peroxidase/EPX		131399	INS G, NT1537	
eosinophil peroxidase/EPX		131399		ARG286HIS
Erythropoietin receptor	M34986	133171	7-BP DEL	frameshift
Erythropoietin receptor	M34986	133171	1-BP INS	FS444TER
Erythropoietin receptor	M34986	133171	1-BP INS, 5967T	frameshift
Erythropoietin receptor	M34986	133171	BamHI	
Erythropoietin receptor	M34986	133171	Bgl II	

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Erythropoietin receptor	M34986	133171	C to T	--->435stop
Erythropoietin receptor	M34986	133171	C6148T	
Erythropoietin receptor	M34986	133171	HindIII	
Erythropoietin receptor	M34986	133171	SacI	
Erythropoietin receptor	M34986	133171		ASN487SER
Erythropoietin receptor	M34986	133171		TRP439TER
Erythropoietin receptor	M34986	133171		TYR426TER
estrogen receptor 1 (ESR1)	M12674	133430	RFLP (PssI enzyme)	
estrogen receptor 1 (ESR1)	M12674	133430	RFLP (PvuII enzyme)	
estrogen receptor 2 (ESR2)	X99101	601663	none found	
Estrogen-preferring sulfotransferase/STE	NM_005420	600043	none found	
G protein coupled potassium channel, subfamily J, member 3/KCNJ3/GIRK1	NM_002239	601534	(CA)n	
GAP JUNCTION PROTEIN, ALPHA-5		121013	none found	
GLYCOPROTEIN Ib, PLATELET, ALPHA POLYPEPTIDE		231200	(39-base pair)n	
GLYCOPROTEIN Ib, PLATELET, ALPHA POLYPEPTIDE		231200	92-BP DUP	SER399-THR411 DUP
GLYCOPROTEIN Ib, PLATELET, ALPHA POLYPEPTIDE		231200	Arg342 (A --> G)	silent
GLYCOPROTEIN Ib, PLATELET, ALPHA POLYPEPTIDE		231200	T --> C 2nd	

PLATELET, ALPHA POLYPEPTIDE		nucleotide exon 2	
GLYCOPROTEIN Ib, PLATELET, ALPHA POLYPEPTIDE	231200	Tyr492 (TAT-->T)	
GLYCOPROTEIN Ib, PLATELET, ALPHA POLYPEPTIDE	231200		ALA156VAL
GLYCOPROTEIN Ib, PLATELET, ALPHA POLYPEPTIDE	231200		GLY233VAL
GLYCOPROTEIN Ib, PLATELET, ALPHA POLYPEPTIDE	231200		LEU57PHE
GLYCOPROTEIN Ib, PLATELET, ALPHA POLYPEPTIDE	231200		MET239VAL
GLYCOPROTEIN Ib, PLATELET, ALPHA POLYPEPTIDE	231200		TRP126TER
GLYCOPROTEIN Ib, PLATELET, ALPHA POLYPEPTIDE	231200		TRP343TER
GLYCOPROTEIN Ib, PLATELET, ALPHA POLYPEPTIDE	231200		TRP498TER
Granulocyte colony- stimulating factor	M64592	120420	none found
Guanine nucleotide binding protein (G protein), alpha	J03004	139360	PHE200LEU

inhibiting activity polypeptide 2	J03004	139360	ARG179CYS
Guanine nucleotide binding protein (G protein), alpha			
inhibiting activity polypeptide 2	J03004	139360	ARG179GLY
Guanine nucleotide binding protein (G protein), alpha			
inhibiting activity polypeptide 2	J03004	139360	ARG179HIS
Guanine nucleotide binding protein (G protein), alpha			
inhibiting activity polypeptide 2	M31328	139130	C825T
Guanine nucleotide binding protein (G protein), beta			
polypeptide 3	U40038	600998	none found
Guanine nucleotide binding protein (G protein), q polypeptide			
GUANINE NUCLEOTIDE- BINDING PROTEIN ALPHA- ACTIVATING ACTIVITY POLYPEPTIDE O;		139311	none found

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GNAOI				
Guanylate cyclase I, soluble, alpha 2	X63282	601244	none found	
GUANYLATE CYCLASE I, SOLUBLE, BETA-2		603695	none found	
Guanylate cyclase soluble, alpha-3 chain	X66534	139396	none found	
Guanylate cyclase soluble, beta-1 chain	X66533	139397	none found	
H.sapiens 40 kDa protein kinase related to rat ERK2	Z11695	176948	none found	
H.sapiens 44kDa protein kinase related to rat ERK1	Z11696	601795	none found	
H.sapiens encoding CLA-1 mRNA	Z22555	601040	none found	
H.sapiens gene for antithrombin III	X68793	107300	AAG----AAA transition at Lys 176	
H.sapiens gene for antithrombin III	X68793	107300	Ddel	
H.sapiens gene for antithrombin III	X68793	107300	Hae III	
H.sapiens gene for antithrombin III	X68793	107300	NheI	
H.sapiens gene for antithrombin III	X68793	107300	Pst I	
H.sapiens gene for antithrombin III	X68793	107300	Trinucleotide repeat	
H.sapiens gene for antithrombin III	X68793	107300		GLU245FS

antithrombin III					
H.sapiens gene for	X68793	107300	ILE7ASN		
antithrombin III					
H.sapiens gene for	X68793	107300	ALA382THR		
antithrombin III					
H.sapiens gene for	X68793	107300	ala382thr		
antithrombin III					
H.sapiens gene for	X68793	107300	ALA384PRO		
antithrombin III					
H.sapiens gene for	X68793	107300	ALA384SER		
antithrombin III					
H.sapiens gene for	X68793	107300	ALA387VAL		
antithrombin III					
H.sapiens gene for	X68793	107300	ALA404THR		
antithrombin III					
H.sapiens gene for	X68793	107300	ARG129TER		
antithrombin III					
H.sapiens gene for	X68793	107300	ARG24CYS		
antithrombin III					
H.sapiens gene for	X68793	107300	ARG393CYS		
antithrombin III					
H.sapiens gene for	X68793	107300	ARG393HIS		
antithrombin III					
H.sapiens gene for	X68793	107300	ARG393PRO		
antithrombin III					
H.sapiens gene for	X68793	107300	arg406met		
antithrombin III					
H.sapiens gene for	X68793	107300	ARG47CYS		
antithrombin III					
H.sapiens gene for	X68793	107300	ARG47HIS		
antithrombin III					

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H.sapiens gene for antithrombin III	X68793	107300	ARG47SER
H.sapiens gene for antithrombin III	X68793	107300	ASN208LYS
H.sapiens gene for antithrombin III	X68793	107300	ASP309LYS
H.sapiens gene for antithrombin III	X68793	107300	GLY392ASP
H.sapiens gene for antithrombin III	X68793	107300	His120-->Tyr
H.sapiens gene for antithrombin III	X68793	107300	LEU-10PRO
H.sapiens gene for antithrombin III	X68793	107300	LEU99PHE
H.sapiens gene for antithrombin III	X68793	107300	LYS228FS
H.sapiens gene for antithrombin III	X68793	107300	LYS370ARG
H.sapiens gene for antithrombin III	X68793	107300	PRO407LEU
H.sapiens gene for antithrombin III	X68793	107300	PRO41LEU
H.sapiens gene for antithrombin III	X68793	107300	PRO429LEU
H.sapiens gene for antithrombin III	X68793	107300	Pro80-->Thr
H.sapiens gene for antithrombin III	X68793	107300	SER291PRO
H.sapiens gene for antithrombin III	X68793	107300	SER349PRO
H.sapiens gene for antithrombin III	X68793	107300	SER394LEU

antithrombin III	X68793	107300	Tyr158-->Cys
H.sapiens gene for antithrombin III	X68793	107300	VAL-3GLU
H.sapiens gene for antithrombin III	X68793	107300	VAL48CYS
H.sapiens gene for antithrombin III	X79857	191045	IVS15, G-A, +1
H.sapiens HTNT4 mRNA for cardiac troponin T	X79857	191045	Arg102Leu
H.sapiens HTNT4 mRNA for cardiac troponin T	X79857	191045	ARG278CYS
H.sapiens HTNT4 mRNA for cardiac troponin T	X79857	191045	ARG92GLN
H.sapiens HTNT4 mRNA for cardiac troponin T	X79857	191045	ILE79ASN
H.sapiens mRNA for adenosine triphosphatase, calcium	Z69881	601929	none found
H.sapiens mRNA for cyclic nucleotide phosphodiesterase	X95520	602047	1389 (A/G)
H.sapiens mRNA for cyclic nucleotide phosphodiesterase	X95520	602047	dinucleotide repeat introns 12

H.sapiens mRNA for cyclic nucleotide phosphodiesterase	X95520	602047	dinucleotide repeat introns 5	
H.sapiens mRNA for delta-sarcoglycan	X95191	601411	1-BP DEL, 656C	
H.sapiens mRNA for delta-sarcoglycan	X95191	601411		ARG165TER
H.sapiens mRNA for delta-sarcoglycan	X95191	601411		GLU262LYS
H.sapiens mRNA for delta-sarcoglycan	X95191	601411		TRP30TER
H.sapiens mRNA for growth factor receptor tyrosine kinase	X61656	191306	none found	
H.sapiens mRNA for nitric oxide synthase	X73029	163730	(CCTTT)n	
H.sapiens mRNA for platelet derived growth factor alpha receptor	X76079	173490	none found	
H.sapiens mRNA for ryanodine receptor 2	X98330	180902	none found	
H.sapiens mRNA for thrombospondin-4	Z19585	600715	none found	
H.sapiens tropomyosin isoform mRNA, complete CDS	Z24727	191010		ASP175ASN
H.sapiens tropomyosin isoform mRNA, complete CDS	Z24727	191010		GLU180GLY
Histamine receptor H1	AF026261	600167	none found	
HMGCoA	NM_0008	142910	HgiAI	



reductase/HMGCR	59					
HMGCoA	NM_0008	142910	ScrFI polymorphism			
reductase/HMGCR	59		in the 2nd intron			
Homo sapiens (clone	L17128	137167				LEU394ARG
H4/H16) gamma-						
glutamic carboxylase						
mRNA, complete cds						
Homo sapiens ADDL	D67031	601568	none found			
mRNA for adducin-						
like protein, complete						
cds						
Homo sapiens beta-	AF084040	107940	none found			
arrestin 1A mRNA,						
complete cds						
Homo sapiens beta-	M58018	160760	2.4-KB DEL			
myosin heavy chain						
(MYH7) mRNA,						
complete cds						ARG249GLN
Homo sapiens beta-	M58018	160760				
myosin heavy chain						
(MYH7) mRNA,						
complete cds						ARG403GLN
Homo sapiens beta-	M58018	160760				
myosin heavy chain						
(MYH7) mRNA,						
complete cds						ARG403LEU
Homo sapiens beta-	M58018	160760				
myosin heavy chain						
(MYH7) mRNA,						
complete cds						ARG453CYS
Homo sapiens beta-	M58018	160760				

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myosin heavy chain (MYH7) mRNA, complete cds	M58018	160760	ARG719TRP
Homo sapiens beta- myosin heavy chain (MYH7) mRNA, complete cds	M58018	160760	ARG723CYS
Homo sapiens beta- myosin heavy chain (MYH7) mRNA, complete cds	M58018	160760	ASP778GLY
Homo sapiens beta- myosin heavy chain (MYH7) mRNA, complete cds	M58018	160760	GLU924LYS
Homo sapiens beta- myosin heavy chain (MYH7) mRNA, complete cds	M58018	160760	GLU949LYS
Homo sapiens beta- myosin heavy chain (MYH7) mRNA, complete cds	M58018	160760	GLY256GLU
Homo sapiens beta- myosin heavy chain (MYH7) mRNA, complete cds	M58018	160760	GLY584ARG

Homo sapiens beta-myosin heavy chain (MYH7) mRNA, complete cds	M58018	160760	GLY741ARG
Homo sapiens beta-myosin heavy chain (MYH7) mRNA, complete cds	M58018	160760	LEU908VAL
Homo sapiens beta-myosin heavy chain (MYH7) mRNA, complete cds	M58018	160760	PHE513CYS
Homo sapiens beta-myosin heavy chain (MYH7) mRNA, complete cds	M58018	160760	VAL606MET
Homo sapiens calcium-ATPase (HK1) mRNA, complete cds	M23114	108740	18-BP INS, IVS2, -12
Homo sapiens calcium-ATPase (HK1) mRNA, complete cds	M23114	108740	IVS6DS, G-A, +1
Homo sapiens calcium-ATPase (HK1) mRNA, complete cds	M23114	108740	ASN754 DEL
Homo sapiens calcium-ATPase (HK1) mRNA, complete cds	M23114	108740	ASN767SER
Homo sapiens calcium-ATPase (HK1) mRNA, complete cds	M23114	108740	CYS268PHE

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Homo sapiens calcium-ATPase (HK1) mRNA, complete cds	M23114	108740	CYS560ARG
Homo sapiens calcium-ATPase (HK1) mRNA, complete cds	M23114	108740	GLN108TER
Homo sapiens calcium-ATPase (HK1) mRNA, complete cds	M23114	108740	GLY23GLU
Homo sapiens calcium-independent phospholipase A2 mRNA, complete cds	AF064594	603604	none found
Homo sapiens carbonic anhydrase precursor (CA 12) mRNA, complete cds	AF037335	603263	none found
Homo sapiens focal adhesion kinase mRNA, complete cds	L05186	600758	none found
Homo sapiens GATA-4 mRNA, complete cds	L34357	600576	none found
Homo sapiens integrin alpha 8 subunit mRNA, 3' end	L36531	604063	none found
Homo sapiens integrin alpha-7 mRNA, complete cds	AF032108	600536	1-bp frameshift deletion at cDNA nucleotide 1204
Homo sapiens integrin alpha-7 mRNA, complete cds	AF032108	600536	21-BP INS

Homo sapiens integrin alpha-7 mRNA, complete cds	AF032108	600536	98-BP DEL	
Homo sapiens mRNA for ABC transporter 7 protein, complete cds	AB005289	300135		ILE400MET
Homo sapiens mRNA for AMP-activated protein kinase alpha-1, complete cds	AB022017	602739	none found	
Homo sapiens mRNA for AMP-activated protein kinase beta 1	AJ224515	602740	none found	
Homo sapiens mRNA for AMP-activated protein kinase beta 2 subunit	AJ224538	602741	none found	
Homo sapiens mRNA for brain ryanodine receptor, complete cds	AB001025	180903	none found	
Homo sapiens p21-activated kinase 3 (PAK3) mRNA, complete cds	AF068864	300142		ARG419TER
Homo sapiens paraoxonase 2 (PON2) mRNA, complete cds	L48513	602447		ALA148GLY
Homo sapiens paraoxonase 2 (PON2) mRNA, complete cds	L48513	602447		CYS311SER
Homo sapiens	L48516	602720	none found	

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paraoxonase 3 (PON3) mRNA, 3' end of cds	M95678	604114	none found	
Homo sapiens phospholipase C-beta-2 mRNA, complete cds				
Homo sapiens phospholipase D2 (PLD2) mRNA, complete cds	AF033850	602384	none found	
Homo sapiens receptor protein-tyrosine kinase (TEK) mRNA, complete cds	L06139	600221		ARG849TRP
Human 47-kD autosomal chronic granulomatous disease protein mRNA, complete cds	M55067	233700	1-BP DEL, 502G	frameshift
Human 47-kD autosomal chronic granulomatous disease protein mRNA, complete cds	M55067	233700	2-BP DEL, EX2, -2, GT	
Human 47-kD autosomal chronic granulomatous disease protein mRNA, complete cds	M55067	233700	2-BP INS	frameshift
Human 47-kD autosomal chronic granulomatous disease protein mRNA, complete cds	M55067	233700		ASP161VAL

protein mRNA, complete cds	Accession	Length	Notes	Gene
Human 47-kD autosomal chronic granulomatous disease protein mRNA, complete cds	M55067	233700		LYSI60GLU
Human 5'-AMP-activated protein kinase, gamma-1 subunit mRNA, complete cds	U42412	602742	none found	
Human activin receptor-like kinase (ALK-5) mRNA, complete cds	L11695	190181		S387Y
Human alpha adducin mRNA, partial cds including alternate exons A and B	L07261	102680		G460W
Human apolipoprotein A-I mRNA, complete cds	M27875	107680	1-BP DEL, CODON 202	
Human apolipoprotein A-I mRNA, complete cds	M27875	107680	1-BP INS	
Human apolipoprotein A-I mRNA, complete cds	M27875	107680	1121 C/T in intron 3	
Human apolipoprotein A-I mRNA, complete cds	M27875	107680	12-BP DEL AND 2-BP INS	

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Human apolipoprotein A-I mRNA, complete cds	M27875	107680	A/G at position 78 bp upstream
Human apolipoprotein A-I mRNA, complete cds	M27875	107680	DELETION OF APOA1/APOC3/AP OA4 GENE COMPLEX EX4/IVS1
Human apolipoprotein A-I mRNA, complete cds	M27875	107680	
Human apolipoprotein A-I mRNA, complete cds	M27875	107680	G-to-A -75 bp
Human apolipoprotein A-I mRNA, complete cds	M27875	107680	IVS2, G-C, +1
Human apolipoprotein A-I mRNA, complete cds	M27875	107680	Msp I
Human apolipoprotein A-I mRNA, complete cds	M27875	107680	Pst-I
Human apolipoprotein A-I mRNA, complete cds	M27875	107680	SstI
Human apolipoprotein A-I mRNA, complete cds	M27875	107680	XmnI
Human apolipoprotein A-I mRNA, complete cds	M27875	107680	Lys-107 deletion

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Human apolipoprotein A-I mRNA, complete cds	M27875	107680	Ala-95-->Asp
Human apolipoprotein A-I mRNA, complete cds	M27875	107680	ARG10LEU
Human apolipoprotein A-I mRNA, complete cds	M27875	107680	ARG173CYS
Human apolipoprotein A-I mRNA, complete cds	M27875	107680	ARG173PRO
Human apolipoprotein A-I mRNA, complete cds	M27875	107680	Asp103-----Asn
Human apolipoprotein A-I mRNA, complete cds	M27875	107680	GLN-2TER
Human apolipoprotein A-I mRNA, complete cds	M27875	107680	GLN32TER
Human apolipoprotein A-I mRNA, complete cds	M27875	107680	GLN84TER
Human apolipoprotein A-I mRNA, complete cds	M27875	107680	GLU136LYS
Human apolipoprotein A-I mRNA, complete cds	M27875	107680	GLU198LYS

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Human apolipoprotein A-I mRNA, complete cgs	M27875	107680	GLY26ARG
Human apolipoprotein A-I mRNA, complete cgs	M27875	107680	LEU60ARG
Human apolipoprotein A-I mRNA, complete cgs	M27875	107680	LEU90PRO
Human apolipoprotein A-I mRNA, complete cgs	M27875	107680	LYS107DEL
Human apolipoprotein A-I mRNA, complete cgs	M27875	107680	PRO143ARG
Human apolipoprotein A-I mRNA, complete cgs	M27875	107680	Pro165-->Arg
Human apolipoprotein A-I mRNA, complete cgs	M27875	107680	PRO165ARG
Human apolipoprotein A-I mRNA, complete cgs	M27875	107680	PRO3ARG
Human apolipoprotein A-I mRNA, complete cgs	M27875	107680	PRO4ARG
Human apolipoprotein A-I mRNA, complete cgs	M27875	107680	Ttp-108-->Arg
Human apolipoprotein	M27875	107680	TRP50ARG

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A-I mRNA, complete cds					
Human apolipoprotein A-I mRNA, complete cds	M27875	107680			VAL156GLU
Human ARF-activated phosphatidylinositol-specific phospholipase D1a (hPLD1) mRNA, complete cds	U38545	602382	none found		
Human beta 4 adducin mRNA, alternatively spliced partial cds	U43959	102681	none found		
Human bumetanide-sensitive Na-K-2Cl cotransporter (NKCC2) mRNA, complete cds	U58130	600839			ASP648ASN
Human bumetanide-sensitive Na-K-2Cl cotransporter (NKCC2) mRNA, complete cds	U58130	600839			TRP625TER
Human bumetanide-sensitive Na-K-2Cl cotransporter (NKCC2) mRNA, complete cds	U58130	600839			VAL272PHE
Human bumetanide-sensitive Na-K-Cl cotransporter (NKCC1) mRNA, complete cds	U30246	600840	none found		
Human c-sis/platelet-derived growth factor 2	M12783	190040	135-BP DEL, IVS5		

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(SIS/PDGF2) mRNA, complete cds	M12783	190040	FUSION WITH COL1A
Human c-sis/platelet- derived growth factor 2 (SIS/PDGF2) mRNA, complete cds	U95301	603603	none found
Human calcium- dependent group X phospholipase A2 mRNA, complete cds	M33336	188830	none found
Human cAMP- dependent protein kinase type I-alpha subunit (PRKAR1A) mRNA, complete cds	L10844	116952	none found
Human cellular growth-regulating protein mRNA, complete cds	M91667	123805	none found
Human cGMP- inhibited cAMP phosphodiesterase mRNA, complete cds	M14058	216950	none found
Human complement C1r mRNA, complete cds	U59167	125660	21-BP DEL
Human desmin mRNA, complete cds	U59167	125660	EcoRV
Human desmin mRNA, complete cds	U59167	125660	ALA337PRO

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complete cds				
Human desmin mRNA,	U59167	125660	ALA360PRO	
complete cds				
Human desmin mRNA,	U59167	125660	ASN393ILE	
complete cds				
Human desmin mRNA,	U59167	125660	ILE451MET	
complete cds				
Human DNA sequence	AL023653	300145	none found	
from clone 753P9 on				
chromosome Xq25-				
26.1. Contains the gene				
coding for				
Aminopeptidase P (EC				
3.4.11.9, XAA-Pro/X-				
Pro/Proline/Aminoacyl				
proline				
Aminopeptidase) and a				
novel gene. Contains				
ESTs, STSs, GSSs and				
a gaaa repeat				
polymorphism				
Human ERK5 mRNA,	U25278	602521	none found	
complete cds				
Human ferritin H chain	M11146	134770	none found	
mRNA, complete cds				
Human ferritin L chain	M11147	134790	22T-G	
mRNA, complete cds				
Human ferritin L chain	M11147	134790	146A-G	
mRNA, complete cds				
Human ferritin L chain	M11147	134790	147G-C	
mRNA, complete cds				

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Human ferritin L chain mRNA, complete cds	M11147	134790	18C-T	
Human ferritin L chain mRNA, complete cds	M11147	134790	29-BP DEL	IRE DEL
Human ferritin L chain mRNA, complete cds	M11147	134790	32G-A	
Human ferritin L chain mRNA, complete cds	M11147	134790	32G-T	
Human ferritin L chain mRNA, complete cds	M11147	134790	36C-A	
Human ferritin L chain mRNA, complete cds	M11147	134790	39C-T	
Human fit mRNA for receptor-related tyrosine kinase	X51602	165070	Dinucleotide repeat	
Human heparin-binding vascular endothelial growth factor (VEGF) mRNA, complete cds	M32977	192240	none found	
Human hepatic lipase mRNA, complete cds	J03540	151670		SER267PHE
Human hepatic lipase mRNA, complete cds	J03540	151670		THR383MET
Human hormone-sensitive lipase testicular isoform mRNA, complete cds	U40002	151750	dinucleotide repeat	
Human hormone-sensitive lipase testicular isoform	U40002	151750		Arg309Cys

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Human mRNA for plasminogen	X05199	173350	GLU460TER
Human mRNA for plasminogen	X05199	173350	ALA600THR
Human mRNA for plasminogen	X05199	173350	Ala675Thr
Human mRNA for plasminogen	X05199	173350	ARG216HIS
Human mRNA for plasminogen	X05199	173350	D676N
Human mRNA for plasminogen	X05199	173350	GLY732ARG
Human mRNA for plasminogen	X05199	173350	LYS19GLU
Human mRNA for plasminogen	X05199	173350	LYS212DEL
Human mRNA for plasminogen	X05199	173350	SER572PRO
Human mRNA for plasminogen	X05199	173350	TRP597TER
Human mRNA for plasminogen	X05199	173350	VAL355PHE
Human mRNA for platelet-derived growth factor PDGF-A	X06374	173430	none found
Human mRNA for thrombospondin	X04665	188060	none found
Human mRNA for transforming growth factor-beta (TGF-beta)	X02812	190180	72
Human mRNA for	X02812	190180	-509

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transforming growth factor-beta (TGF-beta)	X02812	190180	-800	
Human mRNA for transforming growth factor-beta (TGF-beta)	X02812	190180	-988	
Human mRNA for transforming growth factor-beta (TGF-beta)	X02812	190180	713-8delC intron 4	
Human mRNA for transforming growth factor-beta (TGF-beta)	X02812	190180	C788-T	thr263iso
Human mRNA for transforming growth factor-beta (TGF-beta)	X02812	190180		Arg25-->Pro
Human mRNA for transforming growth factor-beta (TGF-beta)	X02812	190180		Leu10-->Pro
Human mRNA for type I beta cGMP-dependent protein kinase (EC 2.7.1.37)	Y07512	176894	none found	
Human myoadenylate deaminase (AMPD1) mRNA, complete cds	M60092	102770	C143-->T	PRO48LEU
Human myoadenylate deaminase (AMPD1) mRNA, complete cds	M60092	102770	C34-T	Gln-->Stop
Human neuronal nitric	U17327	163731	none found	

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oxide synthase (NOS1) mRNA, complete cds					
Human neutrophil cytochrome b light chain p22 phagocyte b- cytochrome mRNA, complete cds	M21186	233690	I-BP DEL, 272C		
Human neutrophil cytochrome b light chain p22 phagocyte b- cytochrome mRNA, complete cds	M21186	233690	10-KB DEL		
Human neutrophil cytochrome b light chain p22 phagocyte b- cytochrome mRNA, complete cds	M21186	233690	IVS4DS, G-A, +I		
Human neutrophil cytochrome b light chain p22 phagocyte b- cytochrome mRNA, complete cds	M21186	233690		ARG90GLN	
Human neutrophil cytochrome b light chain p22 phagocyte b- cytochrome mRNA, complete cds	M21186	233690			HIS72TYR
Human neutrophil cytochrome b light chain p22 phagocyte b- cytochrome mRNA, complete cds	M21186	233690			HIS94ARG

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complete cds				
Human neutrophil cytochrome b light chain p22 phagocyte b- cytochrome mRNA, complete cds	M21186	233690		PRO156GLN
Human neutrophil cytochrome b light chain p22 phagocyte b- cytochrome mRNA, complete cds	M21186	233690		SER118ARG
Human neutrophil oxidase factor (p67- phox) mRNA, complete cds	M32011	233710	5-nucleotide del nts 1169-1173	
Human neutrophil oxidase factor (p67- phox) mRNA, complete cds	M32011	233710	9-nt in-frame deletion in exon 2 (nts 55-63)	
Human neutrophil oxidase factor (p67- phox) mRNA, complete cds	M32011	233710	C(304) --> T	
Human neutrophil oxidase factor (p67- phox) mRNA, complete cds	M32011	233710	del A(728)	
Human neutrophil oxidase factor (p67- phox) mRNA, complete cds	M32011	233710	intron 4 (G --> A)	

Human p21-activated protein kinase (Pak1) gene, complete cds	U24152	602590	none found	
Human phospholamban mRNA, complete cds	M63603	172405	none found	
Human platelet glycoprotein IX mRNA, 3' end	M25827	173515		Ala139(ACC)-- >Thr(GCC)
Human platelet glycoprotein IX mRNA, 3' end	M25827	173515		ASN45SER
Human platelet glycoprotein IX mRNA, 3' end	M25827	173515		ASP21GLY
Human platelet glycoprotein IX mRNA, 3' end	M25827	173515		LEU40PRO
Human platelet glycoprotein IX mRNA, 3' end	M25827	173515		PHE55SER
Human platelet-derived growth factor (PDGF) receptor mRNA, complete cds	M21616	173410	none found	
Human protein kinase C iota isoform (PRKCI) mRNA, complete cds	L18964	300094	none found	
Human RASFA PLA2 mRNA, complete cds	M22430	172411	2-BP DEL	frameshift

Human receptor for advanced glycosylation end products (RAGE) mRNA, partial cds	M91211	600214	none found	
Human steroid 5-alpha- reductase 2 (SRD5A2) mRNA, complete cds	M74047	264600	1-BP DEL	PRO251DEL
Human steroid 5-alpha- reductase 2 (SRD5A2) mRNA, complete cds	M74047	264600	null allele	
Human steroid 5-alpha- reductase 2 (SRD5A2) mRNA, complete cds	M74047	264600		GLY196SER
Human steroid 5-alpha- reductase 2 (SRD5A2) mRNA, complete cds	M74047	264600		LEU55GLN
Human steroid 5-alpha- reductase 2 (SRD5A2) mRNA, complete cds	M74047	264600		ARG227TER
Human steroid 5-alpha- reductase 2 (SRD5A2) mRNA, complete cds	M74047	264600		ARG246TRP
Human steroid 5-alpha- reductase 2 (SRD5A2) mRNA, complete cds	M74047	264600		GLY115ASP
Human steroid 5-alpha- reductase 2 (SRD5A2) mRNA, complete cds	M74047	264600		GLY183SER
Human steroid 5-alpha- reductase 2 (SRD5A2) mRNA, complete cds	M74047	264600		HIS231ARG

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Human steroid 5-alpha-reductase 2 (SRD5A2) mRNA, complete cds	M74047	264600		MET157DEL
Human steroid 5-alpha-reductase 2 (SRD5A2) mRNA, complete cds	M74047	264600		THR228ALA
Human steroidogenic acute regulatory protein (StAR) mRNA, complete cds	U17280	600617	840delA	
Human steroidogenic acute regulatory protein (StAR) mRNA, complete cds	U17280	600617	IVS4AS, T-A, -11	
Human steroidogenic acute regulatory protein (StAR) mRNA, complete cds	U17280	600617		IVS2, 1-BP INS, T, +3
Human steroidogenic acute regulatory protein (StAR) mRNA, complete cds	U17280	600617		1-BP DEL, 261T
Human steroidogenic acute regulatory protein (StAR) mRNA, complete cds	U17280	600617		ARG182LEU
Human steroidogenic acute regulatory protein (StAR) mRNA, complete cds	U17280	600617		D203A
Human steroidogenic acute regulatory protein (StAR) mRNA, complete cds	U17280	600617		GLN258TER

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acute regulatory protein (StAR) mRNA, complete cds	M85079	190182	2-BP INS	Frameshift
Human TGF-beta type II receptor mRNA, complete cds	M85079	190182		THR315MET
Human thiazide- sensitive Na-Cl cotransporter (hTSC) mRNA, complete cds	U44128	600968	3-BP DEL	
Human thiazide- sensitive Na-Cl cotransporter (hTSC) mRNA, complete cds	U44128	600968	119-bp insertion between exons 3 and 4	
Human thiazide- sensitive Na-Cl cotransporter (hTSC) mRNA, complete cds	U44128	600968	exon 24 was deleted	
Human thiazide- sensitive Na-Cl cotransporter (hTSC) mRNA, complete cds	U44128	600968	intron 24, GGT --> GTT	
Human thiazide- sensitive Na-Cl cotransporter (hTSC) mRNA, complete cds	U44128	600968	intron 3, CAG --> CAA	
Human thiazide- sensitive Na-Cl cotransporter (hTSC) mRNA, complete cds	U44128	600968	IVS15AS, G-T, -1	

cotransporter (hTSC) mRNA, complete cds	U44128	600968	IVS23DS, G-T, +1	
Human thiazide- sensitive Na-Cl cotransporter (hTSC) mRNA, complete cds	U44128	600968		ALA588VAL
Human thiazide- sensitive Na-Cl cotransporter (hTSC) mRNA, complete cds	U44128	600968		ARG209TRP
Human thiazide- sensitive Na-Cl cotransporter (hTSC) mRNA, complete cds	U44128	600968		ARG653LEU
Human thiazide- sensitive Na-Cl cotransporter (hTSC) mRNA, complete cds	U44128	600968		ARG655HIS
Human thiazide- sensitive Na-Cl cotransporter (hTSC) mRNA, complete cds	U44128	600968		CYS421ARG
Human thiazide- sensitive Na-Cl cotransporter (hTSC) mRNA, complete cds	U44128	600968		GLY630VAL
Human thiazide- sensitive Na-Cl cotransporter (hTSC) mRNA, complete cds	U44128	600968		LEU623PRO



sensitive Na-Cl cotransporter (hTSC) mRNA, complete cds	U44128	600968	LEU850PRO
Human thiazide- sensitive Na-Cl cotransporter (hTSC) mRNA, complete cds	U44128	600968	PRO349LEU
Human thiazide- sensitive Na-Cl cotransporter (hTSC) mRNA, complete cds	U68162	159530	none found
Human thrombopoietin receptor (MPL) gene	M81339	188061	none found
Human thrombospondin mRNA	X60957	600222	none found
Human tie mRNA for putative receptor tyrosine kinase	M12530	190000	Aval
Human transferrin mRNA, complete cds	M12530	190000	ASP277GLY
Human transferrin mRNA, complete cds	M12530	190000	GLY652GLU
Human transferrin mRNA, complete cds	M12530	190000	HIS300ARG
Human transferrin mRNA, complete cds	M12530	190000	LYS627GLU
Human transferrin mRNA, complete cds	M12530	190000	PRO570SER

Human transforming growth factor-beta type III receptor (TGF-beta) mRNA, complete cds	L07594	600742	none found	
Human urokinase gene, 3' end	K02286	191840	BamHI	
Human urokinase gene, 3' end	K02286	191840	C to T change near the beginning of exon 8	
Human urokinase gene, 3' end	K02286	191840		Leu residue by a Pro, in the kringle domain
Human vascular endothelial growth factor related protein VRP mRNA, complete cds	U43142	601528	none found	
Human VEGF related factor isoform VRF186 precursor (VRF) mRNA, complete cds	U43368	601398	none found	
Hydroxy-delta-5-steroid dehydrogenase, 3 beta- and steroid delta-isomerase 2	M67466	201810	1-BP INS	
Hydroxy-delta-5-steroid dehydrogenase, 3 beta- and steroid delta-isomerase 2	M67466	201810	Dinucleotide repeat	
Hydroxy-delta-5-steroid dehydrogenase, 3 beta- and steroid delta-isomerase 2	M67466	201810		ARG249TER

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3 beta- and steroid delta-isomerase 2	M67466	201810	TRP171TER
Hydroxy-delta-5- steroid dehydrogenase, 3 beta- and steroid delta-isomerase 2	M67466	201810	VAL248ASN
Hydroxy-delta-5- steroid dehydrogenase, 3 beta- and steroid delta-isomerase 2	K02770	147720	+5887 C --> T
interleukin 1 beta (IL1b)	K02770	147720	exon 5 (position +3953)
interleukin 1 beta (IL1b)	K02770	147720	position -511
interleukin 1 beta (IL1b)	K02770	147720	TaqI
interleukin 1 beta (IL1b)	K02770	147720	Asp106Asn
INTERLEUKIN 1 BETA CONVERTASE PRECURSOR	X65019	147678	none found
interleukin 1 receptor (IL-1R)	M27492	147810	PstI
interleukin 12a (IL12a)	M65271	161560	none found
interleukin 12b (IL12b)	M65272	161561	4.4-KB DEL
interleukin 2 (IL2)	X01586	147680	-330
interleukin 2 (IL2)	X01586	147680	166
interleukin 2 (IL2)	X01586	147680	AUUUA motif deleted

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interleukin 2 (IL2)	X01586	147680	Dinucleotide Repeat	
interleukin 2 receptor beta (IL-2Rb)	M26062	146710	CA repeat	
interleukin 2 receptor gamma (IL-2Rg)	D11086	308380	690-691 hotspot	
interleukin 2 receptor gamma (IL-2Rg)	D11086	308380	9-BP DUP	GLN-HIS-TRP INS
interleukin 2 receptor gamma (IL-2Rg)	D11086	308380	G-to-A first position of intron 3	ARG222CYS
interleukin 2 receptor gamma (IL-2Rg)	D11086	308380		ARG267TER
interleukin 2 receptor gamma (IL-2Rg)	D11086	308380		ARG285GLN
interleukin 2 receptor gamma (IL-2Rg)	D11086	308380		CYS115ARG
interleukin 2 receptor gamma (IL-2Rg)	D11086	308380		CYS62TER
interleukin 2 receptor gamma (IL-2Rg)	D11086	308380		GLY114ASP
interleukin 2 receptor gamma (IL-2Rg)	D11086	308380		ILE153ASN
interleukin 2 receptor gamma (IL-2Rg)	D11086	308380		LEU271GLN
interleukin 2 receptor gamma (IL-2Rg)	D11086	308380		LYS97TER
interleukin 2 receptor gamma (IL-2Rg)	D11086	308380		SER286TER
interleukin 4 (IL4)	M13982	147780	-285 C-T	
interleukin 4 (IL4)	M13982	147780	-81 A-G	

interleukin 4 (IL4)	M13982	147780	C-589T	
interleukin 4 (IL4)	M13982	147780	Dinucleotide Repeat intron 2	GLN576ARG
interleukin 4 receptor (IL-4R)	X52425	147781		
interleukin 4 receptor (IL-4R)	X52425	147781		ILE50VAL
interleukin 4 receptor (IL-4R)	X52425	147781		S503P
interleukin 6 (IL6)	M14584	147620	CA repeat	
interleukin 6 (IL6)	M14584	147620	174G-C	
interleukin 6 (IL6)	M14584	147620	AT repeat	
interleukin 6 (IL6)	M14584	147620	BglI	
interleukin 6 (IL6)	M14584	147620	BglII	
interleukin 6 (IL6)	M14584	147620	MspI	
interleukin 6 (IL6)	M14584	147620	NlaIII promoter	
interleukin 6 receptor (IL-6R) (20)	M20566	147880	dinucleotide (CA)	
interleukin receptor 11 alpha (IL-11a)	U32324	600939	none found	
interleukin receptor 12 beta2 (IL-12b2)	U03187	601642	none found	
K+ channel (KvLQT1)	AF000571	192500	7-BP DEL AND 8- BP INS	
K+ channel (KvLQT1)	AF000571	192500	1-BP INS, 282G	ALA300THR
K+ channel (KvLQT1)	AF000571	192500	3-BP DEL	ALA341GLU
K+ channel (KvLQT1)	AF000571	192500	9-BP DEL, NT373	ALA341VAL
K+ channel (KvLQT1)	AF000571	192500		ALA529THR
K+ channel (KvLQT1)	AF000571	192500		
K+ channel (KvLQT1)	AF000571	192500		
K+ channel (KvLQT1)	AF000571	192500		
K+ channel (KvLQT1)	AF000571	192500		

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K+ channel (KvLQT1)	AF000571	192500	ALA83PRO
K+ channel (KvLQT1)	AF000571	192500	ARG518TER
K+ channel (KvLQT1)	AF000571	192500	ARG555CYS
K+ channel (KvLQT1)	AF000571	192500	ARG95GLN
K+ channel (KvLQT1)	AF000571	192500	GLY189ARG
K+ channel (KvLQT1)	AF000571	192500	GLY211ARG
K+ channel (KvLQT1)	AF000571	192500	GLY219SER
K+ channel (KvLQT1)	AF000571	192500	GLY250GLU
K+ channel (KvLQT1)	AF000571	192500	LEU178PHE
K+ channel (KvLQT1)	AF000571	192500	PHE339DEL
K+ channel (KvLQT1)	AF000571	192500	THR217ILE
K+ channel (KvLQT1)	AF000571	192500	TRP305SER
K+ channel (KvLQT1)	AF000571	192500	VAL159MET
L-type voltage dependent calcium channel alpha 1C subunit/CACNA1C	NM_000719	114205	none found
Leukocyte integrin beta-1	U28252	135630	none found
Leukocyte integrin beta-3	M35999	173470	11.2-KB DEL
Leukocyte integrin beta-3	M35999	173470	G-T, EXIDEL
Leukocyte integrin beta-3	M35999	173470	ARG143GLN
Leukocyte integrin beta-3	M35999	173470	ARG214GLN
Leukocyte integrin beta-3	M35999	173470	ARG214TRP
Leukocyte integrin beta-3	M35999	173470	ARG489GLN

Leukocyte integrin beta-3	M35999	173470	ARG724TER
Leukocyte integrin beta-3	M35999	173470	ASP119TYR
Leukocyte integrin beta-3	M35999	173470	CYS374TYR
Leukocyte integrin beta-3	M35999	173470	GLU616TER
Leukocyte integrin beta-3	M35999	173470	LEU33PRO
Leukocyte integrin beta-3	M35999	173470	PRO407ALA
Leukocyte integrin beta-3	M35999	173470	SER752PRO
Lipoprotein lipase	M15856	238600	INS
Lipoprotein lipase	M15856	238600	(TTTA)n
Lipoprotein lipase	M15856	238600	-39T-C
Lipoprotein lipase	M15856	238600	-93T-G
Lipoprotein lipase	M15856	238600	1-BP DEL
Lipoprotein lipase	M15856	238600	1-BP DEL, 221G
Lipoprotein lipase	M15856	238600	2-KB DUP
Lipoprotein lipase	M15856	238600	6-KB DEL
Lipoprotein lipase	M15856	238600	C-->A -3 intron 6
Lipoprotein lipase	M15856	238600	C-to-T -480
Lipoprotein lipase	M15856	238600	C1338-->A
Lipoprotein lipase	M15856	238600	C1595-->G
Lipoprotein lipase	M15856	238600	G579-->A
Lipoprotein lipase	M15856	238600	HindIII
Lipoprotein lipase	M15856	238600	IVS1, G-C, +1
Lipoprotein lipase	M15856	238600	IVS2DS, G-A
Lipoprotein lipase	M15856	238600	IVS2DS, G-A, +1
Lipoprotein lipase	M15856	238600	frameshift
Lipoprotein lipase	M15856	238600	frameshift
Lipoprotein lipase	M15856	238600	Thr361 Thr
Lipoprotein lipase	M15856	238600	S447X
Lipoprotein lipase	M15856	238600	V108V

Lipoprotein lipase	M15856	238600	ILE194THR
Lipoprotein lipase	M15856	238600	ILE225THR
Lipoprotein lipase	M15856	238600	TRP382TER
Lipoprotein lipase	M15856	238600	TYR61TER
Lipoprotein lipase	M15856	238600	ALA176THR
Lipoprotein lipase	M15856	238600	ALA334THR
Lipoprotein lipase	M15856	238600	ARG243CYS
Lipoprotein lipase	M15856	238600	ARG243HIS
Lipoprotein lipase	M15856	238600	ARG75SER
Lipoprotein lipase	M15856	238600	ASN291SER
Lipoprotein lipase	M15856	238600	ASP156GLY
Lipoprotein lipase	M15856	238600	ASP180GLU
Lipoprotein lipase	M15856	238600	ASP204GLU
Lipoprotein lipase	M15856	238600	ASP250ASN
Lipoprotein lipase	M15856	238600	ASP9ASN
Lipoprotein lipase	M15856	238600	Cys239-->stop
Lipoprotein lipase	M15856	238600	CYS418TYR
Lipoprotein lipase	M15856	238600	E163G
Lipoprotein lipase	M15856	238600	E410K
Lipoprotein lipase	M15856	238600	GLN106TER
Lipoprotein lipase	M15856	238600	Glu118 Glu
Lipoprotein lipase	M15856	238600	Glu421Lys
Lipoprotein lipase	M15856	238600	GLY142GLU
Lipoprotein lipase	M15856	238600	GLY188GLU
Lipoprotein lipase	M15856	238600	GLY195GLU
Lipoprotein lipase	M15856	238600	His183-->Gln
Lipoprotein lipase	M15856	238600	LEU365VAL
Lipoprotein lipase	M15856	238600	Pro157 Arg
Lipoprotein lipase	M15856	238600	PRO207LEU
Lipoprotein lipase	M15856	238600	SER172CYS
Lipoprotein lipase	M15856	238600	SER244THR



Lipoprotein lipase	M15856	238600	SER447TER
Lipoprotein lipase	M15856	238600	TRP64TER
Lipoprotein lipase	M15856	238600	TRP86ARG
Lipoprotein lipase	M15856	238600	Tyr262-->His
Lipoprotein lipase	M15856	238600	TYR73TER
Lipoxygenases: 5-lipoxygenase (leukocytes)	J03571	152390	none found
Mineralocorticoid receptor (aldosterone receptor)	M16801	600983	1-BP DEL frameshift at codon 337
Mineralocorticoid receptor (aldosterone receptor)	M16801	600983	1-BP DEL frameshift at codon 459
Mineralocorticoid receptor (aldosterone receptor)	M16801	600983	760-->G760 Ileu180-->Val180
Mineralocorticoid receptor (aldosterone receptor)	M16801	600983	A DEL, +3 intron 5
Mineralocorticoid receptor (aldosterone receptor)	M16801	600983	C944-->T944 Ala241-->Val241
Mineralocorticoid receptor (aldosterone receptor)	M16801	600983	ARG537TER
myeloperoxidase	X04876	254600	C8089T ARG569TRP
myeloperoxidase	X04876	254600	Dinucleotide Repeat
myeloperoxidase	X04876	254600	EcoRV
myeloperoxidase	X04876	254600	G to A (promoter)
myeloperoxidase	X04876	254600	KpnI

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myeloperoxidase	X04876	254600	PstI	MET251THR TYR173CYS
myeloperoxidase	X04876	254600		
myeloperoxidase	X04876	254600		
MYOSIN-BINDING PROTEIN C, CARDIAC		600958	5-BP DEL, EX25	
MYOSIN-BINDING PROTEIN C, CARDIAC		600958	IVS, G-A, +1	
MYOSIN-BINDING PROTEIN C, CARDIAC		600958	12-BP DUP/4-BP DEL	
MYOSIN-BINDING PROTEIN C, CARDIAC		600958	18-BP DUP	
MYOSIN-BINDING PROTEIN C, CARDIAC		600958	BRANCH POINT, IVS23, A-G, TGAT- TGGT	
MYOSIN-BINDING PROTEIN C, CARDIAC		600958	IVS, A-G	
MYOSIN-BINDING PROTEIN C, CARDIAC		600958	IVS, G-C, +5	
MYOSIN-BINDING PROTEIN C, CARDIAC		600958	IVS23, G-A, +1	
MYOSIN-BINDING PROTEIN C, CARDIAC		600958	IVS7, G-A, +5	
MYOSIN-BINDING PROTEIN C, CARDIAC		600958		Arg654His

PROTEIN C, CARDIAC	600958			Glu1096 termination codon GLU542GLN
MYOSIN-BINDING PROTEIN C, CARDIAC	600958			
MYOSIN-BINDING PROTEIN C, CARDIAC	602716		1-BP INS, 3250G	
	602716		2-BP DEL, 121CT	
	602716		2-BP INS, 1306AC	
	602716			ARG1109TER
Neuropeptide Y receptor Y1/NPY1R	M84755		none found	
Nicotinic, Cholinergic receptor beta 1	X14830	100710		LEU263MET
Nicotinic, Cholinergic receptor beta 1	X14830	100710		VAL266MET
Nicotinic, Cholinergic receptor epsilon	X66403	100725		ARG147LEU
Nicotinic, Cholinergic receptor epsilon	X66403	100725		ARG64TER
Nicotinic, Cholinergic receptor epsilon	X66403	100725		LEU269PHE
Nicotinic, Cholinergic receptor epsilon	X66403	100725		PRO121LEU
Nicotinic, Cholinergic receptor epsilon	X66403	100725		THR264PRO

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[illegible]

ester transfer protein/CETP	78			
plasma cholesterol ester transfer	NM_0000 78	118470	G-A splice junction alternative splice	
protein/CETP				
plasma cholesterol ester transfer	NM_0000 78	118470	G1696A	
protein/CETP				
plasma cholesterol ester transfer	NM_0000 78	118470	C-T transition in intron 12	
protein/CETP				
plasma cholesterol ester transfer	NM_0000 78	118470	EcoNI	
protein/CETP				
plasma cholesterol ester transfer	NM_0000 78	118470	G-->A intron 14	
protein/CETP				
plasma cholesterol ester transfer	NM_0000 78	118470	G-A transition in intron 15	
protein/CETP				
plasma cholesterol ester transfer	NM_0000 78	118470	G1533A	
protein/CETP				
plasma cholesterol ester transfer	NM_0000 78	118470	INS T alternative (intron/exon14) splice	
protein/CETP				
plasma cholesterol ester transfer	NM_0000 78	118470	StuI	
protein/CETP				
plasma cholesterol ester transfer	NM_0000 78	118470	T-->G tyr57stop	

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protein/CETP	NM_0000	118470	TaqIA	
plasma cholesterol	78			
ester transfer				
protein/CETP	NM_0000	118470	TaqIB in intron 1	
plasma cholesterol	78			
ester transfer				
protein/CETP	NM_0000	118470		268 Arg-->STOP
plasma cholesterol	78			
ester transfer				
protein/CETP	NM_0000	118470		Asp 442 to Gly
plasma cholesterol	78			
ester transfer				
protein/CETP	NM_0000	118470		ASP442GLY
plasma cholesterol	78			
ester transfer				
protein/CETP	NM_0000	118470		G181X
plasma cholesterol	78			
ester transfer				
protein/CETP	NM_0000	118470		I405V
plasma cholesterol	78			
ester transfer				
protein/CETP	NM_0000	118470		Lys309-Stop
plasma cholesterol	78			
ester transfer				
protein/CETP	NM_0000	118470		R451Q
plasma cholesterol	78			
ester transfer				
protein/CETP	NM_0000	118470		Val421-Ile
plasma cholesterol	78			
ester transfer				
protein/CETP				

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Platelet glycoprotein IIb/IIIa (fibrogen receptor)	X06831	273800	11-BP DEL, EX12	
Platelet glycoprotein IIb/IIIa (fibrogen receptor)	X06831	273800	13-BP DEL AT INTRON-EXON BOUNDARY OF EXON 4	
Platelet glycoprotein IIb/IIIa (fibrogen receptor)	X06831	273800	4.5-KB DEL, EX2-9	
Platelet glycoprotein IIb/IIIa (fibrogen receptor)	X06831	273800	IVS15DS, G-A, +1	
Platelet glycoprotein IIb/IIIa (fibrogen receptor)	X06831	273800	IVS25AS, C-G, -3	
Platelet glycoprotein IIb/IIIa (fibrogen receptor)	X06831	273800		ARG327HIS
Platelet glycoprotein IIb/IIIa (fibrogen receptor)	X06831	273800		ARG584TER
Platelet glycoprotein IIb/IIIa (fibrogen receptor)	X06831	273800		ASP426DEL
Platelet glycoprotein IIb/IIIa (fibrogen receptor)	X06831	273800		GLU324LYS
Platelet glycoprotein IIb/IIIa (fibrogen receptor)	X06831	273800		GLY273ASP

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Platelet glycoprotein IIb/IIIa (fibrinogen receptor)	X06831	273800	GLY418ASP
Platelet glycoprotein IIb/IIIa (fibrinogen receptor)	X06831	273800	ILE565THR
Platelet glycoprotein IIb/IIIa (fibrinogen receptor)	X06831	273800	ILE843SER
Platelet glycoprotein IIb/IIIa (fibrinogen receptor)	X06831	273800	LEU214PRO
Platelet glycoprotein IIb/IIIa (fibrinogen receptor)	X06831	273800	VAL425DEL
Platelet-activating factor receptor	M76674	173393	none found
Potassium channel subunit (h-erg)	U04270	152427	1-BP DEL
Potassium channel subunit (h-erg)	U04270	152427	27-BP DEL
Potassium channel subunit (h-erg)	U04270	152427	IVS3, G-C, +1
Potassium channel subunit (h-erg)	U04270	152427	VAL822MET
Potassium channel subunit (h-erg)	U04270	152427	ALA561VAL
Potassium channel subunit (h-erg)	U04270	152427	ARG582CYS
Potassium channel subunit (h-erg)	U04270	152427	ASN470ASP

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Potassium channel subunit (h-erg)	U04270	152427	GLY628SER
Potassium channel subunit (h-erg)	U04270	152427	ILE593ARG
POTASSIUM CHANNEL, VOLTAGE-GATED, ISK-RELATED SUBFAMILY, MEMBER 2		603796	GLN9GLU
POTASSIUM CHANNEL, VOLTAGE-GATED, ISK-RELATED SUBFAMILY, MEMBER 2		603796	ILE57THR
POTASSIUM CHANNEL, VOLTAGE-GATED, ISK-RELATED SUBFAMILY, MEMBER 2		603796	MET54THR
progesterone receptor	M15716	264080	
PROTEIN KINASE C, EPSILON		176975	none found
PROTEIN KINASE, AMP-ACTIVATED, CATALYTIC, ALPHA-2		600497	none found
PROTEIN KINASE, AMP-ACTIVATED,		602743	none found

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NONCATALYTIC, GAMMA-2; PRKAG2	M61831	180960	none found
S-adenosyl homocysteine hydrolase			
serotonin 5-HT receptors 5-HT1A, G protein-coupled	X57829	109760	RsaI
serotonin 5-HT receptors 5-HT4, G protein-coupled	Y08756	602164	none found
small inducible cytokine subfamily A (Cys-Cys), member 2/monocyte	M28226	158105	-2076 (A or T)
chemotactic protein 1/MCP1/SCYA2			
small inducible cytokine subfamily A (Cys-Cys), member 2/monocyte	M28226	158105	-2518 (G or A)
chemotactic protein 1/MCP1/SCYA2			
Solute carrier family 9 (sodium/hydrogen exchanger)	M81768	107310	none found
Steroid 5 alpha reductase 1	M32313	184753	none found
Superoxide dismutase 1 (Cu/Zn)	X02317	147450	
Superoxide Dismutase	NM_0004	147450	T-G, -10, 9-BP INS

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1/SOD1 (soluble)	54				
Superoxide Dismutase	NM_0004	147450	VS4AS, A-G, -11		
1/SOD1 (soluble)	54				
Superoxide Dismutase	NM_0004	147450		ALA145THR	
1/SOD1 (soluble)	54				
Superoxide Dismutase	NM_0004	147450		ALA4THR	
1/SOD1 (soluble)	54				
Superoxide Dismutase	NM_0004	147450		ALA4VAL	
1/SOD1 (soluble)	54				
Superoxide Dismutase	NM_0004	147450		ASP90ALA	
1/SOD1 (soluble)	54				
Superoxide Dismutase	NM_0004	147450		CYS6PHE	
1/SOD1 (soluble)	54				
Superoxide Dismutase	NM_0004	147450		GLU100GLY	
1/SOD1 (soluble)	54				
Superoxide Dismutase	NM_0004	147450		GLU21LYS	
1/SOD1 (soluble)	54				
Superoxide Dismutase	NM_0004	147450		GLY16SER	
1/SOD1 (soluble)	54				
Superoxide Dismutase	NM_0004	147450		GLY37ARG	
1/SOD1 (soluble)	54				
Superoxide Dismutase	NM_0004	147450		GLY41ASP	
1/SOD1 (soluble)	54				
Superoxide Dismutase	NM_0004	147450		GLY41SER	
1/SOD1 (soluble)	54				
Superoxide Dismutase	NM_0004	147450		GLY72SER	
1/SOD1 (soluble)	54				
Superoxide Dismutase	NM_0004	147450		GLY85ARG	
1/SOD1 (soluble)	54				
Superoxide Dismutase	NM_0004	147450		GLY93ALA	
1/SOD1 (soluble)	54				

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Superoxide Dismutase 1/SOD1 (soluble)	NM_0004 54	147450	GLY93CYS
Superoxide Dismutase 1/SOD1 (soluble)	NM_0004 54	147450	HIS43ARG
Superoxide Dismutase 1/SOD1 (soluble)	NM_0004 54	147450	HIS46ARG
Superoxide Dismutase 1/SOD1 (soluble)	NM_0004 54	147450	ILE104THE
Superoxide Dismutase 1/SOD1 (soluble)	NM_0004 54	147450	ILE113THR
Superoxide Dismutase 1/SOD1 (soluble)	NM_0004 54	147450	LEU106VAL
Superoxide Dismutase 1/SOD1 (soluble)	NM_0004 54	147450	LEU126TER
Superoxide Dismutase 1/SOD1 (soluble)	NM_0004 54	147450	LEU144SER
Superoxide Dismutase 1/SOD1 (soluble)	NM_0004 54	147450	LEU38VAL
Superoxide Dismutase 1/SOD1 (soluble)	NM_0004 54	147450	LEU84VAL
Superoxide Dismutase 1/SOD1 (soluble)	NM_0004 54	147450	SER134ASN
Superoxide Dismutase 1/SOD1 (soluble)	NM_0004 54	147450	THR151ILE
Superoxide Dismutase 1/SOD1 (soluble)	NM_0004 54	147450	Val7-->Glu
Superoxide Dismutase 2/SOD2 (mitochondrial)	X65965	147460	ALA16VAL
Tafazzin		300069	none found
Thimet oligopeptidase	Z50115	601117	none found

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Thrombopoietin	U70136	600044	1-BP DEL, 3252G
Thrombopoietin	U70136	600044	IVS3, G-C, +1
THROMBOSPONDIN		188062	none found
III			
Thromboxane synthase	M80646	274180	(CA)n intron 9
Tissue Plasminogen	M18182	173370	BglII
activator, tissue type (t-PA)			
Tissue Plasminogen	M18182	173370	EcoRI
activator, tissue type (t-PA)			
Tissue Plasminogen	M18182	173370	HincII
activator, tissue type (t-PA)			
Tissue Plasminogen	M18182	173370	polymorphic
activator, tissue type (t-PA)			dinucleotide intron 1
Tissue Plasminogen	M18182	173370	PstI
activator, tissue type (t-PA)			
Tissue Plasminogen	M18182	173370	TaqI
activator, tissue type (t-PA)			
Tissue Plasminogen	M18182	173370	XmnI
activator, tissue type (t-PA)			
Transferrin receptor	X01060	190010	BclI
(p90, CD71)			
Transferrin receptor	X01060	190010	RsaI
(p90, CD71)			
tRNA-LEU,		590050	3243A-G

MITOCHONDRIAL	590050	3250T-C	
trNA-LEU,			
MITOCHONDRIAL	590050	3251A-G	
trNA-LEU,			
MITOCHONDRIAL	590050	3252T-C	
trNA-LEU,			
MITOCHONDRIAL	590050	3256C-T	
trNA-LEU,			
MITOCHONDRIAL	590050	3260A-G	
trNA-LEU,			
MITOCHONDRIAL	590050	3271T-C	
trNA-LEU,			
MITOCHONDRIAL	590050	3303C-T	
trNA-LEU,			
MITOCHONDRIAL	590050	A3288G	
trNA-LEU,			
MITOCHONDRIAL	590050	G --> A 12301	
trNA-LEU,			
MITOCHONDRIAL	603310	none found	
Type V cyclic	AJ004865		
nucleotide			
phosphodiesterase			
type V voltage	NM_0003	600163	1-BP DEL frameshift
dependent sodium	35		
channel alpha			
subunit/SCN5A			
type V voltage	NM_0003	600163	2-BP INS
dependent sodium	35		
channel alpha			
subunit/SCN5A			
type V voltage	NM_0003	600163	

dependent sodium channel alpha subunit/SCN5A	35		LYS1505/PRO1 506/GLN1507D EL
type V voltage dependent sodium channel alpha subunit/SCN5A	NM_0003 35	600163	ARG1232TRP
type V voltage dependent sodium channel alpha subunit/SCN5A	NM_0003 35	600163	ARG1623GLN
type V voltage dependent sodium channel alpha subunit/SCN5A	NM_0003 35	600163	ARG1644HIS]
type V voltage dependent sodium channel alpha subunit/SCN5A	NM_0003 35	600163	GLU1784LYS
type V voltage dependent sodium channel alpha subunit/SCN5A	NM_0003 35	600163	THR1620MET
Vascular cell adhesion molecule 1	M60335	192225	none found
vitamin B12 receptor/cubilin/CUBN	NM_0010 81	602997	IVS6, C-G
vitamin B12 receptor/cubilin/CUBN	NM_0010 81	602997	PRO1297LEU

Table 24. Current Candidate Therapeutic Interventions for the Treatment of Cancer

Product Name	Latest Phase	Chemical Name	Action	Indication
2-chloro-2'-fluoro-vidarabine; 2-chloro-2'-fluoro-araA	Phase I			cancer
A 007	Phase I	bis(4-hydroxyphenyl)-(2,4-dinitrophenyl)-methanone, hydrazone		cancer
acemannan derivatives, Carrington	Preclinical			cancer
adozelesin; U 73975; ADOSAR	Phase II	(7bR)-N-[2-[(4,5,8,8a-tetrahydro-7-methyl-4-oxocyclopropa[c]pyrrolo[3,2-e]indol-2(1H)-yl)carbonyl]-1H-indol-5-yl]-2-benzofurancarboxamide		cancer
AG 7352	Preclinical	(3S-trans)-1,4-dihydro-7-[3-methoxy-4-(methylamino)-1-pyrrolidinyl]-4-oxo-1-(2-thiazolyl)-1,8-naphthyridine-3-carboxylic acid		cancer
aging-related disease therapy, Chiroscience/Geron	Preclinical			atherosclerosis; cancer; osteoporosis; diabetes; eye disease

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AK 2123	Phase II	N-(2-methoxyethyl)-3-nitro-1H-1,2,4-triazole-1-acetamide	cancer
alanosine	Phase II	L-2-amino-3-(hydroxynitrosoamino)-L-alanine	cancer
alkyltransferase inhibitors, National Institutes of Health	Preclinical		cancer
altretamine; hexamethylamine; hexamethylmelamine; KB 913; NSC 13875; HEXALEN; HEXASTAT; HEXINAWAS	Marketed	N,N,N',N'',N'''-hexamethyl-1,3,5-triazine-2,4,6-triamine	cancer
amonafile; nafidimide; MFA 142; FA 142	Discontinued	5-amino-2-(2-dimethylamine)ethyl-1H-benz[de]isoquinoline-1,3(2H)-dione	cancer
amsacrine; CI 880; NSC 249992; NSC 156203; AMSIDYL; AMSIDINE; AMSEDINE; AMEKRIN	Marketed	N-[4-(9-acridinylamino)-3-methoxyphenyl]methanesulfonamide	cancer
ANCER	Marketed		cancer; leukopenia
annonaceous acetogenins	Preclinical		cancer
anticancer agent, Gryphon	Preclinical		cancer

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anticancer agent, Kyowa Hakko	Preclinical	[1aS-(1aalpha,8beta,8aalpha,8balpha)]-8-[[[(aminocarbonyl)oxy]methyl]-5-ethyl-1,1a,2,8,8a,8b-hexahydro-6,8a-dimethoxyazirino[2',3':3,4]pyrrolo[1,2-a]indole-4,7-dione		cancer
anticancer agent, Paracelsian	Preclinical			cancer
anticancer agent, SOAD	Preclinical			cancer
anticancer agent, Xcyte Therapies	Preclinical			cancer
anticancer agents, Millennium	Preclinical			cancer
anticancer, Kitasato University	Preclinical	7,8-dihydroxy-3-(4-hydroxyphenyl)-4H-1-benzopyran-4-one		cancer
anticancer, New York University	Preclinical	(1-methylethyl)carbamic acid (5,6-dihydro-8-methoxypyrrrolo[2,1-a]isoquinoline-1,2-diy)bis(methylene) ester		cancer
anticancer, Sloan Kettering	Preclinical	3-[[bis(2-chloroethyl)-amino]methyl]-1,8-dihydroxy-9,10-anthracenedione		cancer

anticancer, Southern Research Institute	Preclinical	(1-alpha, 3-beta, 4-alpha)-2-amino-1,9-dihydro-9-(3-hydroxy-4-(phosphonomethyl)cylopentyl)-6H-purin-6-one		cancer
anticancer, Takeda	Discontinued	1-octadecyl-2-acetoacetyl-3-glycerol omega-trimethylammoniododecyl phosphate		cancer
anticancer, Yale University	Preclinical	1-(2-chloroethyl)-2,2-bis(methylsulfonyl)hydrazide methanesulfonic acid		cancer
antiproliferative agents, Harvard University/Sheffield Medical	Phase I			cancer; restenosis; psoriasis; atherosclerosis
antiproliferative therapy, SDR	Preclinical			cancer
AP 633	Discontinued			cancer
AP 656	Discontinued			cancer
aplidine	Phase I			cancer
apoptosis modulators, Devgen	Preclinical			cancer; inflammation
apoptosis regulators, Apoptosis Technology; apoptosis regulators, ICRF	Preclinical			cancer

AQ6N	Discontinued	1-[[2-(dimethylamino-N-oxide)ethyl]-amino]-4-[[[2(ethylamino)ethyl]amino]-5,8-dihydroxyanthracene-9,10-dione	cancer
arginine deaminase; CX 108	Preclinical		cancer
artificial platelets, Andaris; SYNTHOCYTES	Preclinical		thrombocytopenia; cancer
AT 3510	Preclinical		cancer
atrimustine; bestrabucil; busramustine; KM 2210; KREGAN	Discontinued	(17beta)-estra-1,3,5(10)-triene-3,17-diol 3-benzoate 17-[[[4-[4-[bis(2-chloroethyl)amino]phenyl]-1-oxobutoxy]acetate] ester	cancer

ATX 70	Preclinical	(SP-4-2)-[N,N'-[[7,12-bis[1-(decyloxy)ethyl]-3,8,13,17-tetramethyl-21H,23H-porphine-2,18-diyl-kappaN21,kappaN22,kappaN23,kappaN24]bis(1-oxo-3,1-propanediyl)]bis[L-aspartato]](6-)[gallate (3-) trihydrogen		depression; cancer
AV 109	Discontinued			cancer
AV 21; PM 92100	Preclinical	Unspecified		cancer
azatyrosine; SF 1346	Discontinued	(S)-alpha-amino-5-hydroxy-2-pyridinepropanoic acid		cancer
azinomycin A	Discontinued	6-(3-acetoxy-4-hydroxy-1,5-methylenepyrrolidin-2-ylidene)-2,2(oxymethylene)-5,8-diaza-4,7,10-trioxo-undecyl-3-methoxy-5-methyl-1-naphthaleneboxylate		cancer
azinomycin B	Discontinued			cancer
BCH 1184	Discontinued			cancer
BCH 1667	Discontinued			cancer
BCH 2050	Discontinued			cancer
BD 95325	Discontinued			cancer

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BE 12406B	Discontinued				cancer
BE 18591	Discontinued			N-[[3-methoxy-5-(1H-pyrrol-2-yl)-2H-pyridene]methyl]-1-dodecanamine	cancer
benzeneacetic acid ester	Phase I			alpha-(benzoyloxy)-alpha-cyclopentyl-benzeneacetic acid, 1-methyl-4-piperidinyl ester	cancer
bFGF inhibitor, PharmaGenics	Discontinued				cancer; cardiovascular disease
bistratene A; bistramide A	Preclinical			tetrahydro-N-[2-hydroxy-4-[[3-[8-(6-hydroxy-3,5-dimethyl-4-heptenyl)-3-methyl-1,7-dioxaspiro[5.5]undec-2-yl]propyl]amino]-3-methyl-4oxobutyl]-3-methyl-6-(2-oxo-3-pentenyl)-2H-pyran-2-acetamide	cancer
BMOV	Preclinical			bis(maltolato)orthovanadate	cancer

BMS 181174; BMY 25067	Discontinued	[[1aS-(1aalfa,8beta,8aalfa,8balfa)]-8-[[[(aminocarbonyl)oxy]methyl]-1,1a,2,8,8a,8b-hexahydro-8a-methoxy-5-methyl-6-[[2-[(4-nitrophenyl)dithio]ethyl]amino]azirino[2',3':3,4]pyrrolo[1,2-a]indole-4,7-dione		cancer
BMS 181175	Discontinued			cancer
BMS 181176	Discontinued			cancer
BMS 185660; BMS 18566002	Discontinued			cancer
BMY 27577	Discontinued			cancer
BN 52205	Discontinued	4-hydroxy-7-(methoxymethyl)-N,N,N,8-tetramethyl-3,5-dioxo-8-aza-4-phosphahexacosan-1-aminium 4-oxide inner salt		cancer
BN 52207	Discontinued	4-hydroxy-6-(methoxymethyl)-N,N,N,8-tetramethyl-3,5-dioxo-8-aza-4-phosphahexacosan-1-aminium 4-oxide inner salt		cancer

BN 52208	Discontinued	8-hydroxy-N,N,N-trimethyl-5-[(methyloctadecylamino)methyl]-3-oxo-4,7,9-trioxa-2-aza-8-phosphaundecan-11-aminium 8-oxide inner salt		cancer
BN 52210	Discontinued			cancer
BN 52211	Discontinued	4-hydroxy-7-methoxy-N,N,N,9-tetramethyl-3,5-dioxo-9-aza-4-phosphaheptacosan-1-aminium 4-oxide inner salt		cancer
BN 52213	Discontinued			cancer
BN 52214	Discontinued			cancer
BNP 7787; dimesna	Phase I	2,2'-dithiobisethanesulfonic acid disodium salt		cancer
brain tumor therapy, John Wayne Cancer Institute	Phase II			cancer
breast and ovarian cancer therapy, Myriad/Lilly	Preclinical			cancer
breast cancer therapy, Affymax/American Home Products	Preclinical			cancer
breast cancer therapy, Taiho/SRI International	Preclinical			cancer



BW. 773U82; 773U82	Discontinued	2-[(3-fluoranthenylnmethyl)amino]-2-methyl-1,3-propanediol		cancer
C 1006	Preclinical	N-hexyl-N'-(1-nitro-9-acridinyl)-1,3-propanediamine dihydrochloride		cancer
C 1210S	Discontinued			cancer
C 609	Preclinical	N,N-dimethyl-N'-(1-nitro-9-anthracenyl)-1,5-pentanediamine dihydrochloride		cancer
C 835	Preclinical	2,2'-[[2-[(1-nitro-9-acridinyl)amino]ethyl]imino]bis-ethanol		cancer
CA 102	Discontinued			cancer
cancer therapy polymers, Cornell Research Foundation	Preclinical			cancer
cancer therapy, Agouron	Preclinical			cancer
cancer therapy, ASP 05/ASP 07	Preclinical			cancer
cancer therapy, brca 2 gene, Cancer Research Campaign	Preclinical			cancer
cancer therapy, Bristol-Myers Squibb/Ixsys	Preclinical			cancer

cancer therapy, Cambridge NeuroScience/Repligen	Preclinical				cancer
cancer therapy, Cell Pathways/Tripos/Panlabs	Preclinical				cancer
cancer therapy, CellPath/Genzyme	Preclinical				cancer
cancer therapy, Chiroscience	Discontinued				cancer
cancer therapy, cytolognans	Phase I				cancer
cancer therapy, Duke University/Targon	Preclinical				cancer
cancer therapy, Galenica/SuperGen	Preclinical				cancer
cancer therapy, GenQuest/ArQule	Preclinical				cancer
cancer therapy, Genzyme	Preclinical				cancer
cancer therapy, Genzyme/Xenova	Preclinical				cancer
cancer therapy, Hughes Institute/Minnesota University	Preclinical				cancer
cancer therapy, ImClone/CombiChem	Preclinical				cancer
cancer therapy, Ku80, Lexicon Genetics	Preclinical				cancer

cancer therapy, Lilly; cancer therapy, Millennium	Preclinical				cancer
cancer therapy, modulators of Rad 51/Brca2 signalling pathway, Lexicon Genetics	Preclinical				cancer
cancer therapy, National Cancer Institute	Preclinical				cancer
cancer therapy, NeoGenesis	Preclinical				cancer
cancer therapy, NOVALON	Preclinical				cancer
cancer therapy, Ontogeny/Brigham & Women's Hospital	Preclinical				cancer
cancer therapy, Ontogeny/University of California San Francisco	Preclinical				cancer
cancer therapy, Pharmacopeia	Preclinical				cancer
cancer therapy, PharmaMar	Preclinical				cancer
cancer therapy, Phytera/Chiron	Preclinical				cancer
cancer therapy, polymeric prodrug	Preclinical				cancer
cancer therapy, Prolifix/BioFocus	Preclinical				cancer

cancer therapy, reovirus, SYNORB Biotech	Preclinical			cancer
cancer therapy, Shinpoong	Preclinical			cancer
cancer therapy, spiegelmer, Noxxon	Preclinical			cancer
cancer therapy, SUGEN/Zeneca	Preclinical			cancer
cancer therapy, Toyama/Sugen	Preclinical			cancer
CaRest M3	Preclinical			cancer; contraception
CB 10200	Preclinical	5-(aziridin-1-yl)-2,4-dinitro-1-isobutylbenzoate		cancer
CB 10277; CB 10-277	Phase II	4-(3,3-dimethyl-1-triazenyl)benzoic acid		cancer
CB 7646	Preclinical	[[6-(methylamino)-1,3,5-triazine-2,4-diyl]bis(methylimino)]bismethanol		cancer
CBT 1	Preclinical			malaria; cancer
CCI 779	Phase I			cancer
CD36 inhibitors, Affymax	Preclinical			cancer
CDC 25	Discontinued			cancer
CDF inhibitor, Prolifix	Preclinical			cancer; psoriasis
cell cycle inhibitors, Cortex	Discontinued			cancer
cell cycle regulators, Janssen/Rigel	Preclinical			cancer

cell cycle regulators, Onyx; cell cycle regulators, Warner Lambert	Preclinical				cancer
CH 271	Preclinical				cancer
chloroquinoxaline sulfonamide; chlorsulfaminoxaline ; NSC 339004; CQS	Phase I	4-amino-N-(5-chloro- 2- quinoxaliny)benzene sulfonamide			cancer
chronic myelogenous leukemia therapy, OSI/Aston Molecules; CML therapy, OSI/Aston Molecules	Discontinued				cancer
CHS 828	Phase I	N-[6-(4- chlorophenoxy)hexyl] -N'-cyano-N"-4- pyridiny]guanidine			cancer
CIDI	Preclinical				cancer
CL 329753	Discontinued	alpha-(3,4- dimethoxyphenyl)- 3,4-dihydro-6,7- dimethoxy-alpha-[(4- methylphenyl)thio]- 2(1H)- isoquinolineheptanen- trile			cancer
clanfenur; DU 113901	Discontinued	1-(p-chlorophenyl)-3- (6-fluoro-N,N- dimethylanthraniloyl) urea			cancer

cloturin; VUFB 15686	Suspended	(2-chloroethyl)carbamot thioic acid, S-1H- purin-6-yl ester		cancer
colon cancer therapy, Onyx	Preclinical			cancer
combretastatin A4; NSC 817373; CRC 8709; CRC 87-09	Preclinical	(Z)-2-methoxy-5-[2- (3,4,5- trimethoxyphenyl)eth- enyl]phenol		cancer
combretastatin A4 prodrug CP 79328	Phase I			cancer
	Preclinical	2- [(aminoininomethyl) amino]-N-(5-fluoro- 2-benzothiazolyl)-4- thiazolecarboxamide		cancer

crambescidin 816; PM 92105	Preclinical	[2'aS- [2'a.alpha.,4'.alpha.(R (*),7'.alpha.(S*),8'.bet a.(R*),8'a.alpha.]]-7- ethyl- 1',2',2'a,3',3'',4'',5'',6'' ,7,8',8'a- dodecahydro-8'a- hydroxy-6''- methylspiro[oxepin- 2(3H),4'-[4H- 5,6,8b]triazacenaphy lylene-7'(5'H),2''- [2H]pyran-8'- carboxylic acid 16- [(4-amino-2- hydroxybutyl)(3- aminopropyl)amino]- 16-oxohexadecyl ester		cancer
	Discontinued			cancer
	Discontinued			cancer
	Discontinued			cancer, restenosis
	Preclinical	2,4 dihydroxymethyl- alpha-terthiophene		cancer
curacin A	Preclinical	4,5-dihydro-4-(11- methoxy-8-methyl- 1,5,7,13- tetradecatetraenyl)-2- (2- methylcyclopropyl)- thiazole		cancer
CYC 300	Preclinical			cancer

cyclin D inhibitor, Prolifix	Preclinical				cancer
cyclopentenylcytosine; CPEC	Preclinical	4-amino-1- [(1R,4R,5S)-4,5- dihydroxy-3- (hydroxymethyl)-2- cyclopent en-1-yl]- 2(1H)-pyrimidinone			cancer
D 20133	Discontinued	octadecyl-(2-(N- methylpiperidino)ethyl- )-phosphate			cancer
D 20566	Discontinued				cancer
D 20567	Discontinued				cancer
D 21621	Discontinued				cancer
D 21663	Discontinued				cancer
D 21805	Discontinued	[2- [[[hydroxy(octadecylo xy)phosphinyl]oxy]et hyl]trimethylarsoniu m inner salt			cancer
D 23980	Discontinued				cancer
DA 3030; LEUCOSTIM	Pre- registration				leukopenia; cancer
daniquidone; batracylin; BAY h 2049; NSC 320846	Discontinued	8- aminoisindolo[1,2- b]quinazolin- 12(10H)-one			cancer
datelliptium chloride; SR 95156B; NSC 311152; SR 95156	Discontinued	2-[2- (diethylamino)ethyl]- 9-hydroxy-5,11- dimethyl-6H- pyrido[4,3- b]carbolium chloride			cancer



decitabine; 5-azadeoxycytidine; 5-aza-2'-deoxycytidine; 5-CdR; AZA-DC; DAC; NSC 127716	Phase II	4-amino-1-(2-deoxy-beta-D-erythro-pentofuranosyl)-1,3,5-triazin-2 (1H)-one		cancer
dexifosfamide; D 4809	Discontinued	N,3-bis(2-chloroethyl)tetrahydro-2H-1,3,2-oxazaphosphorin-2-amine, 2-oxide		cancer
dexverapamil; verapamil, d-; verapamil, R-(+)-; verapamil, (R)-; verapamil, (+)-; LU 33925	Phase II	(R)-alpha-[3-[[2-(3,4-dimethoxyphenyl)ethyl]methylanino]propyl]-3,4-dimethoxy-alpha-(1-methylethyl)benzeneacetone nitrile		cancer
diaziquone; AZQ; CI 904; NSC 182986	Phase III	[2,5-bis(1-aziridinyl)-3,6-dioxo-1,4-cyclohexadiene-1,4-diyl]biscarbamic acid diethyl ester		cancer

diazonomide A	Preclinical	2-amino-N-[1,26-dichloro-17,18,19,20-tetrahydro-12,31-dihydroxy-20-(1-methylethyl)-18-oxo-2H,16H-24,27-epoxy-10a,6,10-(methanoxymethyno)-1,1,15-metheno-23,21-nitro[1,4]oxazacyclotetradecino[14,13-g]pyrrolo[2,3,4-rs][4]benzaazacyclopentadecin-17-yl]-3-methylbutanamide	cancer
differentiation-inducing compounds, Prolifix	Discontinued		cancer; psoriasis; restenosis
dihydro-5-azacytidine; DHAC	Phase II		cancer
DIP C1	Preclinical	N,N,N',N'-tetrakis(2-chloroethyl)-4,8-di-1-piperidiny/pyrimido[5,4-d]pyrimidine-2,6-diamine	cancer
diphenyl spiromustine	Preclinical	3-[2-[bis(2-chloroethyl)amino]ethyl]-1,3-diazaspiro[4.5]decane-2,4-dione diphenyl derivative	cancer
distamycin A derivatives, Menarini	Discontinued		cancer

DNA binding agent, Proteus International	Discontinued			bacterial infection; viral infection; cancer; cardiovascular disease
DNA methyltransferase modulators	Preclinical			cancer
docosaheptaenoic acid, Heliosynthese; docosaheptaenoic acid, Scotia	Discontinued			cancer
DPPE	Phase II	N,N-diethyl-2-[4- (phenylmethyl)pheno xy]ethanamine		cancer; gastrointestinal ulcer
drug delivery system, albumin microcapsules, cytotoxic drugs; CYTOCAPS	Preclinical			cancer; delivery system
drug delivery system, aphidicolin; aphidicolin SPARTAJECT	Preclinical			cancer
drug delivery system, biodegradable polymer paste BMOV; BMOV biodegradable polymer paste	Preclinical			cancer

drug delivery system, chemotherapeutic drugs, ImaRx; MRX-ONC	Preclinical			cancer
drug delivery system, colonic polyp therapy	Phase I			cancer
drug delivery system, intravenous, SPARTAJECT temozolomide; temozolomide SPARTAJECT	Preclinical			cancer
drug delivery system, mitoxantrone; mitoxantrone delivery system; HYAL CV1282	Phase II			cancer
drug delivery system, PepTrans, cancer therapy	Preclinical			cancer
drug delivery system, Polyfunctional Molecular Modification, etoposide; etoposide Polyfunctional Molecular Modification	Preclinical			cancer
drug delivery system, SPARTAJECT busulfan; busulfan SPARTAJECT	Phase I			cancer

drug delivery system, SPARTAJECT etoposide; etoposide SPARTAJECT	Preclinical			cancer	
DT 5461	Discontinued	3-[[2-deoxy-6-O-[2-deoxy-3-O-[[[(1-oxododecyl)amino]acetyl]-2-[(1-oxotetradecyl)amino]-4-O-phosphono-beta-D-glucopyranosyl]-3-O-[[[(1-oxododecyl)amino]acetyl]-2-[(1-oxotetradecyl)amino]alpha-D-glucopyranosyl]oxy]pentanedioic acid		cancer	
ecomustine; NSC 609224; CY 233	Preclinical	methyl 3-[3-(2-chloroethyl)-3-nitrosoureido]-2,3-dideoxy-alpha-D-arabinohexapyranoside		cancer	

ecteinascidin 722; ET 722	Preclinical	[6R-(6alpha,6abeta,7beta,13beta,14beta,16alpha,20R*)]-5-(acetyloxy)-2',3',4',6,6a,7,9',13,14,16-decahydro-8,14-dihydroxy-9-methoxy-4,10-dimethylspiro[6,16-(epithiopropoxymethano)-7,13-imino-12H-1,3-dioxolo[7,8]isoquino[3,2-b][3]benzazocine-20,1'-[1H]pyrido[3,4-b]indol]-19-one		cancer
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ecteinascidin 729; ET 729; E 729; NSC 638718	Preclinical	[6R-(6alpha,6abeta,7beta,13beta,14beta,16alpha,20R*)]-5-(acetyloxy)-3',4',6,6a,7,13,14,16-octahydro-6',8,14-trihydroxy-7',9-dimethoxy-4,10-dimethylspiro[6,16-(epithiopropoxymethano)-7,13-imino-12H-1,3-dioxolo[7,8]isoquinol-3,2-b][3]benzazocine-20,1'(2H)-isoquinolin]-19-one		cancer
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ecteinascidin 743; ecteinascidin 743 monoacetyl; ET 743; E 743	Phase II	[6R-(6alpha,6abeta,7beta,13beta,14beta,16alpha,20R*)]-5-(acetyloxy)-3',4',6,6a,7,13,14,16-octahydro-6',8,14-trihydroxy-7',9-dimethoxy-4,10,23-trimethylspiro[6,16-(epithiopropoxy)methano]-7,13-imino-12H-1,3-dioxolo[7,8]isoquinolo[3,2-b][3]benzazocine-20,1'(2H)-isoquinolin]-19-one		cancer
ED 749; J 107088	Preclinical			cancer
eflornithine; eflornithine hydrochloride; DFMO; RMI 71782; MDL 71782; MDL 71782A; ORNIDYL	Marketed	2-(difluoromethyl)-DL-ornithine		cancer; trypanosomiasis; skin disease
EKI 785	Preclinical			cancer
EL 532	Phase III			anemia; cancer
elemene	Registered			cancer



emitefur; BOF A2; LAST-F	Pre- registration	3-[[3-(ethoxymethyl)- 5-fluoro-3,6-dihydro- 2,6-dioxo-1(2H)- pyrimidinyl]carbonyl] benzoic acid 6- (benzoyloxy)-3- cyano-2-pyridinyl ester		cancer
eupenifeldin	Discontinued			cancer
FA 15	Preclinical	3-trifluoromethyl-9- (4-diethylamino-1- methylbutylamino) acridine		cancer
FCE 26492	Preclinical	4,4'- [carbonylbis[imino(1- methyl-1H-pyrrole- 4,2- diyl)carbonylimino(1- methyl-1H-pyrrole- 4,2- diyl)carbonylimino]]bis- 1,5- naphthalenedisulfonic acid		cancer

FCE 26605	Preclinical	8,8'-[carbonylbis(imino(1-methyl-1H-pyrrole-4,2-diyl)carbonylimino(1-methyl-1H-pyrrole-4,2-diyl)carbonylimino]]bis-1,3,5-naphthalenetrisulfonic acid hexasodium salt		cancer
FCE 26752	Preclinical			cancer
FD 211	Preclinical	3,5,7,7a-tetrahydro-3-hydroxy-5,7-di-1-propenyl-2H-furo[3,4-b]pyran-2-one		cancer
FJ 776	Phase I			cancer
FK 973	Discontinued			cancer
fludarabine + pentostatin; pentostatin + fludarabine	Discontinued			cancer
flurbiprofen, (R)-; E 7869	Phase II			cancer
FO 152	Discontinued	L-valine 5'-ester with 5-fluorouridine monohydrochloride		cancer

FOLLIGEN	Preclinical	6-D-phenylalanine-8-L-glutamine-9-(N-ethyl-L-prolinamide)-10-deglycinamide luteinizing hormone-releasing factor (swine)	cancer	
fosquidone; GR 63178A; NSC D 611615	Discontinued	benzyl 5,8,13,14-tetrahydro-14-methyl-8,13,dioxobenz[5,6]isobindolo[2,1-b]isoquinolin-9-yl ester	cancer	
galocitabine; neofruton; Ro 091390; Ro 91390	Phase III	5'-deoxy-5-fluoro-N-(3,4,5-trimethoxybenzoyl)cytidine	cancer	
GAP 31	Preclinical	N-[N-[N-[N-(N-L-lysylglycyl)-L-alanyl]-L-threonyl]-L-tyrosyl]-L-isoleucyl]-L-threonine	HIV infection; cancer	
GBC 590; NCCG	Phase I		cancer	
gene discovery, angiogenesis, Progenitor	Preclinical		cancer; cardiovascular disease; eye disease; skin ulcer	
gene discovery, breast & prostate cancer	Preclinical		cancer	
gene discovery, breast cancer, Amplicon	Preclinical		cancer	

gene discovery, cancer	Preclinical				cancer
gene discovery, cancer	Preclinical				cancer
gene discovery, cancer, AlphaGene	Preclinical				cancer
gene discovery, cancer, Chiron/Hyseq	Preclinical				cancer
gene discovery, cancer, CuraGen	Preclinical				cancer
gene discovery, cancer, deCODE genetics	Preclinical				cancer
gene discovery, cancer, Genaissance/Visible Genetics	Preclinical				cancer
gene discovery, cancer, Genetica/Mitotix	Preclinical				cancer
gene discovery, cancer, Genome Pharmaceuticals	Preclinical				cancer
gene discovery, cancer, Genos Biosciences	Preclinical				cancer
gene discovery, cancer, Genzyme	Preclinical				cancer
gene discovery, cancer, Incyte/OncorMed	Discontinued				cancer
gene discovery, cancer, LifeSpan	Preclinical				cancer

gene discovery, cancer, Micromet	Preclinical				cancer
gene discovery, cancer, Tularik/Amplicon	Preclinical				cancer
gene discovery, colorectal cancer, Myriad	Preclinical				cancer
gene discovery, connective tissue disorders	Preclinical				cancer; diabetes; obesity; autoimmune disease
gene discovery, growth factors, CuraGen	Preclinical				cancer
gene discovery, head and neck cancer	Preclinical				cancer
gene discovery, immunomodulatory genes, asthma, Genelabs	Preclinical				asthma; cancer
gene discovery, liver cancer, GeneCore	Preclinical				cancer
gene discovery, lymphoma, Myriad	Preclinical				cancer
gene discovery, p21 ras signalling pathway, Exelixis	Preclinical				cancer
gene discovery, pancreatic cancer	Preclinical				cancer
gene discovery, prostate and colon cancer, Millennium	Preclinical				cancer

gene discovery, prostate cancer, Amplicon	Preclinical				cancer
gene discovery, prostate cancer, Gene Logic	Preclinical				cancer
gene discovery, prostate cancer, GenSet/Sanofi- Synthelabo	Preclinical				cancer
gene discovery, prostate cancer, Myriad/Schering Plough	Preclinical				cancer
gene discovery, prostate cancer, Progenitor	Preclinical				cancer
genetic suppressor elements, cancer	Preclinical				cancer
GM 1603	Preclinical				cancer
granulocyte colony- stimulating factor mimetic; G-CSF mimetic	Discontinued				cancer
GRB2 antagonists	Preclinical				cancer
growth factor inhibitor, GlycoTech	Preclinical				cancer
growth hormone releasing hormone antagonists; GHRH antagonists	Preclinical				cancer

guanine derivatives, National Cancer Institute	Phase I				cancer
GW 278884; BW 668W95	Preclinical				cancer
thalomon; NSC 650893	Suspended	(3S,6R)-6-bromo-3-(bromomethyl)-2,3,7-trichloro-7-methyl-1-octene			cancer
thiatarubigin A; CE 33A	Preclinical	(S)-3,4-dihydro-6-hydroxy-8-methoxy-3-methylbenz[a]anthracene-1,7,12(2H)-trione			cancer
thiatarubigin B; CE 33B	Preclinical	(S)-3,4-dihydro-11-hydroxy-8-methoxy-3-methylbenz[a]anthracene-1,7,12(2H)-trione			cancer
thiatarubigin C; CE 33C	Preclinical	(1S-cis)-1,2,3,4-tetrahydro-1,11-dihydroxy-8-methoxy-3-methylbenz[a]anthracene-7,12-dione			cancer

thiomarubigin D; CE 33D	Preclinical	[1S-[1alpha,3alpha,10(alpha*,3'R*)]]10,10'-methylenebis[1,2,3,4-tetrahydro-1,11-dihydroxy-8-methoxy-3-methylbenz[a]anthracene-7,12-dione	cancer
heat shock transcription factor modulators, ischemia; heat shock transcription factor modulators, cancer	Preclinical		stroke; ischemia; reperfusion injury; cancer
hepsulfam; NSC 329680	Discontinued	1,7-heptanediol-bis-sulfamate	cancer
HO 221	Discontinued	N-[[[4-[(5-bromo-2-pyrimidinyl)oxy]-3-chlorophenyl]amino]carbonyl]-2-nitrobenzamide	cancer
holmium 166 chitosan; DW 166HC	Phase II		cancer; rheumatoid arthritis
HPV E2 inhibitor, Signal	Preclinical		viral infection; cancer
HPV E6 inhibitors, PharmaGenics	Discontinued		cancer
HRP monomer	Preclinical		cancer
human fetal alpha fetoprotein; alpha fetoprotein; DDS-DEA	Marketed		cancer



human papilloma virus 16 inhibitor, Xenova	Discontinued			cancer; viral infection
ICC 03	Discontinued			cancer
ICI 198583	Suspended	2-desamino-2-methyl-N10-propargyl-5,8-dideazafolic acid		cancer
ICO 15	Discontinued			cancer
ifosfamide + methylene blue; methylene blue + ifosfamide; D 7991	Discontinued			cancer
IKP 104	Preclinical	1-(2-chloro-3,5-dimethoxyphenyl)-2-(4-fluorophenyl)-3-methyl-6-phenyl-4(1H)-pyridinone		cancer
IL 101	Preclinical			cancer
IL-6 production inhibitors, Signal	Preclinical			osteoporosis; cancer
IndH (RuInd2Cl4)	Preclinical	trans-indazolium-bisindazoletrichlororuthenate III		cancer
inhibitor of mevalonate incorporation into cholesterol; IMIC	Discontinued			cancer; hyperlipidemia
ipomeanol, 4-; 4-ipomeanol; IPO; NSC 349438	Phase I	1-(3-furanyl)-4-hydroxy-1-pentanone		cancer
isobengazole	Discontinued			cancer

isohomohalicondrin B	Discontinued	51-de(carboxymethyl)-12,13-dideoxy-51-(4-hydroxy-2-oxobutyl)noralichondrin A		cancer
IZP 94002; PHOSPHONATE	Preclinical			cancer
JP 7	Preclinical			cancer; surgery; heart ischemia; stroke
kahalalide F; PM 92102	Preclinical	N-(5-methyl-1-oxohexyl)valylthreonylvalylvalyl-D-prolyl-L-ornithyl-D-alloisoleucylthreonyl-D-alloisoleucylvalyl-L-phenylalanyl-(Z)-2,3-didehydro-2-aminobutanoyl-valine rho-lactone		cancer; viral infection
Kaposi's sarcoma-associated herpes virus (KSHV) infection therapy	Preclinical			herpes; cancer
KI 414	Preclinical	5'-O-(N-acetyl-4,7,8,9-tetra-O-acetyl-1-methylneuraminosyl)-5-fluoro-2',3'-O-(1-methylethylidene)uridine		cancer

kinesin modulator, Cytokinetics	Preclinical				cancer
KNK 41	Preclinical	(all-E)-5-hydroxy-4-(8-phenyl-1,3,5,7-octatetraenyl)-2(5H)-furanone			cancer
KT 6124	Discontinued	(9alpha,10alpha,12alpha)-2-amino-9,10,11,12-tetrahydro-10-hydroxy-10-(hydroxymethyl)-9-methyl-9,12-epoxy-1H-diindolo[1,2,3-fg:3',2',1'-kl]pyrrolo[3,4-i][1,6]benzodiazocine-1,3(2H)-dione			cancer
KW 2149; KT 6149	Phase I	7-N-[2-[[2-(gamma-L-glutamylamino)ethyl]dithio]ethyl]mitomycin C			cancer
KW 2170	Phase I				cancer
KYN 54	Discontinued	5-hydroxy-4-(2-phenyl-(E)-ethenyl)-2(5H)-furanone			cancer
LAC 83	Preclinical				cancer

lamellarin-N triacetate	Discontinued	(+)-3,11- bis(acetyloxy)-14-[3- (acetyloxy)-4- methoxyphenyl]- 2,12-dimethoxy-6H- [1]benzopyrano[4',3': 4,5]pyrrolo[2,1- a]isoquinolin-6-one		cancer
LDI 200	Phase III			cancer
lissoclinamide 7	Preclinical	[3R- (3R*,4S*,7R*,11R*,1 4R*,18R*,21S*,26aS *)]- 6,7,12,13,14,17,18,20 ,21,24,25,26,26a- decahydro-3-methyl- 7-(1-methylethyl)- 16,21- bis(phenylmethyl)- 3H,10H- 4,1:11,8:18:15- trinitrilo-1H- pyrrolo[2,1- c][1,1,18,4,7,14,21]o xadithiatetraazacyclot etracosine- 5,12,19,22(4H,11H)- tetrone		cancer
lombricine	Discontinued	L-serine 2- [(aminoiminomethyl) amino]ethyl hydrogen phosphate (ester)		cancer

lonidamine; diclonazolic acid; AF 1890; KN 228; DORADAMINA	Marketed	1-(2,4-dichlorobenzyl)-1H-indazole-3-carboxylic acid	cancer
LY 195448	Discontinued	(R)-4-[3-[(2-hydroxy-2-phenylethyl)amino]-3-methylbutyl]benzamide monohydrochloride	cancer
LY 296329; 296329	Preclinical		cancer
LY 320236	Phase I	(4aR-trans)-8-[(4-ethyl-2-benzothiazolyl)thio]-1,4,4a,5,6,10b-hexahydro-4,10b-dimethylbenzo[f]quinolin-3(2H)-one	benign prostate hypertrophy; cancer
lysolecitin; lysolecithin; T 680	Discontinued		cancer
mammasstatin	Phase I	Unspecified	cancer

MC 77	Preclinical	[1aS-(1aalfa,8beta,8aalfa,8balfa)]-8-[[[(aminocarbonyl)oxy]methyl]-1,1a,2,8,8a,8b-hexahydro-8a-methoxy-5-methyl-6-[[4-[(2,3,4,6-tetra-O-acetyl)-beta-D-glucopyranosyl)oxy]phenyl]amino]azirino[2',3':3,4]pyrrolo[1,2-a]indole-4,7-dione		cancer
MDL 27048	Suspended	(E)-1-(2,5-dimethoxyphenyl)-3-[4-(dimethylamino)phenyl]-2-methyl-2-propen-1-one		cancer
melanoma therapy, Ventana Genetics	Preclinical			cancer
melarsoprol; RP 3854	Marketed	2-[4-[(4,6-diamino-1,3,5-triazin-2-yl)amino]phenyl]-1,3,2-dithiar solane-4-methanol		cough; cancer
MEN 10710	Discontinued			cancer
merbarone; V 1235; NSC 336628; NSC 336028	Phase II	hexahydro-4,6-dioxo-N-phenyl-2-thioxo-5-pyrimidinecarboxamide		cancer
METCYCLOR	Preclinical			cancer

MGI 222	Discontinued				cancer
MGI 650	Discontinued				hyperammonemia; cancer
MIF inhibitor, NIH; macrophage migration inhibitory factor inhibitor, NIH	Preclinical				cancer
mitoflaxone; flavone acetic acid; FAA; LM 975; NSC 347512	Discontinued		4-oxo-2-phenyl-4H-1- benzopyran-8-acetic acid		cancer
mitomycin analogues, Georgetown University	Discontinued				cancer
mitoxantrone; CL 232315; NSC 279836; NSC 301739; DHAQ; DHAD; NOVANTRONE; NOVATRON	Marketed		1,4-dihydroxy-5,8- bis[[2-(2- hydroxyethyl)amino]e thyl]amino]-9,10- anthracenedione		cancer; multiple sclerosis
MM-COOK	Preclinical		4-(3-methyl-1- triazenyl)benzoic acid, monopotassium salt		cancer
mofarotene; Ro 408757	Discontinued		(E)-4-[2-[4-(2- (5,6,7,8-tetrahydro- 5,5,8,8-tetramethyl-2- naphthalenyl)-1- propenyl]phenoxy]eth yl]morpholine		cancer

monophosphoryl lipid A + trehalose dimycolate; trehalose dimycolade + monophosphoryl lipid A; MPL + THD; OVAMID	Discontinued				cancer
mopidamol; RA 233; OLX 102; AR 102; RAPENTON	Withdrawn	2,2',2''-[(4- piperidinopyrimido[5, 4-d]pyrimidine-2,6- diyl)dinitrilo]tetraetha nol			cancer
MPC 467	Preclinical				cancer
MS 247	Preclinical	[3-[[5-[5-[[[4-bis(2- chloroethyl)amino]phe nyl]amino]carbonyl]- 1H-benzimidazol-2- yl]-1-methyl-1H- pyrrol-3-yl]amino]-3- oxopropyl]dimethylsu lfonium mono(4- methylbenzenesulfon ate) salt with 4- methylbenzene sulfonic acid (1:1)			cancer
MSI 1290	Discontinued				cancer
MSI 130	Discontinued				cancer; gastrointestinal disorder
MSI 1436	Discontinued				viral infection; restenosis; diabetes; cancer
MSI 511	Discontinued				cancer



MSI 58	Discontinued				cancer
MSI 782	Discontinued				cancer
MSI 99	Discontinued				cancer
MT 1	Suspended				cancer
MT 2	Preclinical				cancer
multiple drug resistance gene inhibitor, Immunex	Preclinical				cancer
mustard anticancer agent; NORPRAN	Preclinical				cancer
MX 6; MX6	Phase III				cancer
mycaperoxide B; PM 92104	Discontinued	[1R- [1alpha,1[3S*(S*),6S *],2alpha,4alpha,8ab eta]]-6-[2- (decahydro-1- hydroxy-2,5,5,8a- tetramethyl-1- naphthalenyl)ethyl]- alpha,6-dimethyl-1,2- dioxane-3-acetic acid			cancer
mycobacterial cell wall extract; MCWE; REGRESSIN	Phase II				cancer
myriaporone	Discontinued				cancer
N 1554	Discontinued	(all-E)- 3,7,11,15,19,23,27,31 ,35,39-decamethyl- 6,10,14,18,22,26,30,3 4,38- tetracontanonaen-1-ol dihydrogen phosphate			cancer

N-acetylalinaline; acetylalinaline; CI 994; GOE 5549; PD 123654	Phase II	4-(acetylamino)-N-(2-aminophenyl)benzamide	cancer
NC 381	Preclinical		cancer
NC 383	Preclinical		cancer
NC 384	Preclinical		cancer
NC 407	Preclinical		cancer
melarabine; melzarabine; 506U78; BW 506U; MAY; 506U	Phase III	9-beta-D-arabinofuranosyl-6-methoxy-9H-purin-2-amine	cancer
NIK 264	Phase I		cancer
NK 242	Preclinical	4-(5,6-dihydro-1,4-dioxin-2-yl)-1,4-dihydro-2,6-dimethyl-3,5-pyridinedicarboxylic acid bis[3-(3-pyridinyl)propyl] ester	cancer
NK 250	Preclinical	4-(5,6-dihydro-3-methyl-1,4-dithiin-2-yl)-1,4-dihydro-2,6-dimethyl-3,5-pyridinedicarboxylic acid bis(4-pyridinylmethyl) ester	cancer

NK 252	Preclinical	4-(5,6-dihydro-1,4-dioxin-2-yl)-1,4-dihydro-2,6-dimethyl-3,5-pyridinedicarboxylic acid bis[(5-ethyl-2-pyridinyl)methyl] ester		cancer
NM 324	Phase I	2-[[hydroxy[[12-[3-(iodo-1,25I)phenyl]dodecyl]oxy]phosphinyloxy]-N,N,N-trimethylethanaminium inner salt		cancer
noscopine; narcosine; methoxyhydrastine; opian; opianine; NSC 5366; COSCOPIN; COSCOTABS; CAPVAL; KEY-TUSSCAPINE; NOSCAPAL; TERBENOL	Marketed			cough; cancer
notch signalling pathway modulators, Exelixis	Preclinical			stroke; cognitive defect; cancer
NSC 242557	Preclinical	[[3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl]methylene]propanedinitrile		cancer

NSC 303861	Discontinued	S-(N-methylcarbamate)-L-cysteine, ethyl ester, monohydrochloride	cancer
NSC 361456	Phase I	N-nitrosopyrazinamine, sodium salt	cancer
NSC 639829	Preclinical	dimethyl amino benzoylphenylurea	cancer
NSC 650573	Preclinical	(Z)-2-methyl-9-(phenylimino)naphth[2,3-d]oxazol-4(9H)-one	cancer
NSC 686288	Preclinical	5-amino-2-(4-amino-3-fluorophenyl)-6,8-difluoro-7-methyl-4H-1-benzopyran-4-one	cancer
OC 144093	Preclinical		cancer
OCT 1001	Preclinical	6-amino-1,2-benzopyrone	viral infection; cancer
okicenone	Preclinical	3,4-dihydro-4,6,9-trihydroxy-8-methyl-1(2H)-anthracenone	cancer
OLX 516	Discontinued		septic shock; cancer; vascular leakage
ONO FS045	Discontinued		cancer
oracin; VUFB 16956	Phase I	6-[2-[(2-hydroxyethyl)amino]ethyl]-5H-indeno[1,2-c]isoquinoline-5,1(6H)-dione	cancer

oral cytokine inducer, Immunex	Phase I				cancer; leukopenia
P 154	Preclinical				cancer
p185 inhibitors, University of Pennsylvania	Preclinical				cancer
p53 function activators, Genzyme	Preclinical				cancer
p53 mimetic, BioNumerik	Preclinical				cancer
p53/MDM2 interaction inhibitor, Genzyme	Preclinical				cancer
PA 8	Preclinical	2,2'-[(1,1,3,3-tetrabutyl-1,3-distannoxanediyl)bis(oxy-carbonyl)]bis[4-methoxyphenol]			cancer
palauamine	Discontinued	[3aalpha,10aalpha,11beta,12beta,13beta(S*),13aalpha,13bR*]-(-)-2,2'-diamino-11-(aminomethyl)-12-chloro-1,1',3a,5',10a,11,12,13a-octahydro-5'-hydroxy-spiro[8H-cyclopenta[3,4]pyrrol o[1,2-a]imidazo[4,5-b]pyrrolo[1,2-d]pyrazine-13(10H),4'-[4H]imidazol]-8-one			cancer

palmitoylrhizoxin; RS1541	Preclinical	2,3,11,12-diepoxy-8,12-dimethyl-7,13-dihydroxy-15[3-methoxy-4,8-dimethyl-9-(2-methyl-4-oxazolyl)octa-4,6-dien-2-yl]-9-pentadecenolide-5-acetic acid gamma-lactone		cancer
panaxytriol	Preclinical	1-heptadecene-4,6-diyne-3,9,10-triol		cancer
pazelliptine; BD 40; SR 95225A; SR 95225	Discontinued	N,N-diethyl-N'-(6-methyl-5H-pyrido[3',4':4,5]-pyrrolo[2,3-g]isoquinolin-10-yl)-1,3-propanediamine		cancer
PEPTIDYL MIM	Preclinical			cancer; bacterial infection
PG 2	Phase I			anemia; cancer; leukopenia
PG 266	Preclinical			anemia; cancer; leukopenia
PG 278	Discontinued			cancer
PG 349	Discontinued			cancer; anemia
PG 356	Discontinued			cancer; viral infection
PG 36	Discontinued			cancer; viral infection
PG 4336	Discontinued			cancer; viral infection

PG 488	Discontinued				cancer; anemia
phenethyl isothiocyanate	Phase I				cancer
picibanil; OK 432; OK 5; PCB 45; PICIBANIL; PICIVANYL	Marketed				cancer
piroxantone; loxanthazole; loxanthazole; CI 942; PD 111815; NSC 349174; DUP 942	Discontinued	5-[(3-aminopropyl)amino]-7,10-dihydroxy-2-[2-[(2-hydroxyethyl)amino]ethyl]anthra[1,9-cd]pyrazol-6(2H)-one			cancer
PKH 135	Discontinued				cancer; ischemia; reperfusion injury
platinum compounds, BioNumerik	Preclinical				cancer
PM 14	Preclinical	hepta-mu-oxo-mu6-oxodioxo(penta-mu-oxotetraoxotetratungstate)divanadate(4-)			cancer
PM 24	Preclinical	tetrapotassium polyoxotungstate			cancer
PM 40; JM 1490	Preclinical	(aquanickelate)[mu12-[orthosilicato(4-)-O:O:O:O':O':O':O':O':O':O':O':O':O']tetraconta-mu-oxoundeca-oxoundecatungstate(6-)]hexapotassium			cancer
PM 90001	Preclinical				cancer

PM 91101	Preclinical			cancer
PM 91102	Preclinical			cancer
PM 92127	Preclinical			cancer
PM 92130	Preclinical			cancer
PM 93100	Preclinical			cancer
PM 93107	Discontinued			cancer
PM 93113	Preclinical			cancer
PM 94103	Preclinical			cancer
PM 94127	Preclinical			cancer
PM 94132	Preclinical			cancer
PNU 153429	Phase I	2,2'-[carbonylbis(imino(1-methyl-1H-pyrrole-4,2-diy))carbonylimino(1-methyl-1H-pyrrole-4,2-diy)]carbonylimino]]bis-1,5-naphthalenedisulfonic acid tetrasodium salt		cancer
PNU 157911	Preclinical			cancer
PNU 166196	Preclinical			cancer
podophyllotoxin analogues, IGT Pharma	Preclinical			cancer
poly ADP-ribose polymerase inhibitor; PARP inhibitor	Preclinical			cancer
protein kinase RNA-activated based therapeutics, RiboGene	Preclinical			cancer; viral infection



PX 12	Preclinical			cancer
pyrazoloacridine; pyrazoloacridine hydrochloride; PD 115934; NSC 366140	Phase I	9-methoxy-N,N- dimethyl-5- nitropyrzolo[3,4,5- kl]acridine-2(6H)- propanamine		cancer
RA 700; RA VII; TPC-B	Suspended	5-(N-methyl-L- tyrosine)-6-(3- hydroxy-N,O- dimethyl-L- tyrosine)bouvardin		cancer
raf antagonists, SUGEN	Preclinical			cancer
ras geranylgeranylation inhibitors	Preclinical			cancer
ras inhibitors, ProScript	Preclinical			cancer
ras-GAP inhibitor, Xenova	Discontinued			cancer
retelliptine; SR 95325; SR 95325B	Discontinued	1-[[3- (dimethylamino)prop yl]amino]-9-methoxy- 5,11-dimethyl-6H- pyrido[4,3- b]carbazole		cancer
retelliptine demethylated	Discontinued			cancer
rice-bran saccharide; RBS; SPR 901	Discontinued	(1-3),(1-6)-alpha-D- glucan		cancer
RL 344007; NORPRAM	Preclinical			cancer

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RSR 4	Preclinical	2-[4-[2-[(3,5-dichlorophenyl)amino]-2-oxoethyl]phenoxy]-2-methylpropanoic acid	cancer; surgery; heart ischemia; stroke
RSR 46	Preclinical	2-[4-[2-[(2,3-dihydro-1H-inden-5-yl)amino]-2-oxoethyl]phenoxy]-2-methylpropanoic acid	cancer; surgery; heart ischemia; stroke
salvianolic acid A	Preclinical		cancer
sarcodictyins	Preclinical		cancer
SC 101; SC 101c; EPAKEX	Phase III	1-(z,z,z,z,z-eicosa-5,8,11,14,17-pentaenylloxy)-3-(z,z,z,z,z-eicosa-5,8,11,14,17-pentaenylloxy)propane	cancer; cachexia
SC 101a; GLAMEPA	Preclinical	1-(z,z,z,z-octadeca-6,9,12-trienylloxy)-3-(z,z,z,z,z-eicosa-5,8,11,14,17-pentaenylloxy)-3-(z,z,z,z,z-eicosa-5,8,11,14,17-pentaenylloxy)propane	cancer
SC 101g; MEGLUMINE-GLA	Phase I	meglumine-z,z,z-6,9,12-octadecatrienoate	cancer
SC 101i	Preclinical	meglumine-6,9,12-octadecatrienoate	cancer

SCHAL 3	Phase I			skin disease; cancer;
Sdi 1 mimetics, SENNES	Discontinued			psoriasis
SDK 110	Preclinical	3-[[3-(trimethylsilyl)propylthio]-1-propanamine]		cancer
SDZ MKT 077; MKT 077; FJ 776	Phase I	1-ethyl-2-[[3-ethyl-5-(3-methyl-2(3H)-benzothiazolylidene)-4-oxo-2-thiazolidinylidene]methyl]pyridinium chloride		cancer
SE 12363	Preclinical			cancer
selenium thiosemicarbazone; NEOSTAT	Preclinical			cancer
SF 2698	Preclinical	(6S)-iminoazacyclohexa-3-ene-6-carboxylic acid		cancer
sialyl transferase inhibitor, Biota	Preclinical			cancer
SJ 3249	Preclinical	4-(3,5-dimethylphenyl)-N-(2-methoxy-5,6-dimethyl-3-pyridinyl)-1-piperazinecarboxamide		cancer
sodium phenylacetate; EL 530	Phase III	sodium phenylacetate		cancer

spirodiam 3; diam 3; PE 1001	Discontinued	2,2,4,4,-tetrakis(1-aziridinyl)-2,2,4,4-tetrahydro-1,3,5,7,11-pentaaza-2,4,6.lambda.5-triphosphaspiro[5.5]undeca-1,3,5-triene		cancer
spongistatin 1	Discontinued			cancer
SR 26050	Discontinued	(1-(3-diethylaminopropylamino))-9-hydroxyellipticine dihydrochloride		cancer
SR 271425	Phase I			cancer
SR 45023a; SR 45023	Phase I	[2-[3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl]ethylidene]bis-phosphonic acid tetrakis(1-methylethyl) ester		cancer
ST 30	Preclinical	(E)-4-[2-(3,4-diisopropylphenyl)-1-propenyl]benzoic acid		cancer
ST 40	Preclinical	(E)-4-[2-(3-tert-butylphenyl)ethenyl]benzoic acid		cancer